

150th FOUNDATION DAY OF
NRS MEDICAL COLLEGE & HOSPITAL



www.nrsmc150thfoundationday.in



150thfoundationday@nrsmc.edu.in

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150th
Foundation Day
2022

Nil Ratan Sircar Medical College and Hospital
Kolkata

About Nilratan Sircar Medical College

The journey of Nilratan Sircar Medical College began in the mid 19th century. The need for a hospital in Calcutta was felt by the British Government following the Sepoy Mutiny and the epidemics in the later half of the 19th century. The Central Hall (Sealdah Market Building) was converted into a hospital and renamed as Sealdah Municipal Hospital on 1st July 1867. With the initiation of medical training in the hospital it was known as Sealdah Medical School since 1st December 1873. It was renamed as the Campbell Medical School in 1874 after the surname of the then Lieutenant Governor of Bengal and upgraded to the Campbell Medical College in 1948. In 1950 it took its final name of Nilratan Sircar Medical College in honour of its famous alumnus Sir Nilratan Sircar.

The College is affiliated with the West Bengal University of Healthy Sciences and recognised by the National Medical Commission. It offers Undergraduate, Postgraduate and Postdoctoral courses along with various Paramedical and Nursing courses. A large number of stalwarts in various fields of medical science are the alumnus of this prestigious institute.





राज्यपाल, पश्चिम बंगाल
Governor of West Bengal
राज्यपाल, पश्चिमबङ्ग



09 November, 2022

MESSAGE

I am glad to learn that Nilratan Sircar Medical College and Hospital, Kolkata, is going to celebrate its 150th Foundation Day and Prize Distribution Ceremony on 1st December, 2022.

I am delighted to know that a souvenir while commemorating this momentous occasion will serve as valuable reference documents in future.

It is indeed a privilege to record my deep sense of appreciation to the exemplary role played by Doctors in combating Covid during pandemic at great personal risk.

I convey my felicitations to all the members associated with this initiative and wish the celebrations a grand success.

(La. Ganesan)

মমতা ব্যানার্জী
মমতা বনার্জী
ممتا بنرجی
Mamata Banerjee



মুখ্যমন্ত্রী, পশ্চিমবঙ্গ
मुख्यमंत्री, पश्चिम बंगाल
وزیر اعلیٰ مغربی بنگال
CHIEF MINISTER, WEST BENGAL

21st November, 2022

MESSAGE

I am happy to know that **150th Foundation Day and Prize Distribution Ceremony of NRS Medical College and Hospital** will be organised in a befitting manner at the premises of the college in Kolkata on 1st December, 2022 and a souvenir will also be brought out on the occasion to commemorate the special event.

On this memorable occasion, I convey my heartiest greetings and best wishes to the students, teachers and doctors of the institute, both past and present, and wish the programme all success.


(Mamata Banerjee)

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West Bengal, India

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Dr. Santanu Sen

M B B S, DMRD (Gold Medalist), FIAMS, FRCP (Glassg.),
Hony. Professor

MEMBER OF PARLIAMENT

(RAJYA SABHA)

Past National President & State Secretary,
Indian Medical Association



सत्यमेव जयते

Member

- Parliamentary Standing Committee on Health & Family Welfare
- Parliamentary Consultative Committee on Petroleum & Natural Gas
- Committee on MP LADS
- Medical Advisory Council, National Medical Commission

Kolkata : 5/25/1, Dum Dum Road, Kolkata-700 030

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November 17, 2022

Ref. No.

Ref.: 11/22/02

Date :

Kolkata

Message

Today's Nilratan Sircar Medical College and Hospital, Kolkata was established as Sealdah Medical School on 1st December 1873, which was renamed after the then Governor General, George Campbell as Campbell Medical School in the year 1884 and then Campbell Medical College in the year 1948. On 19th August 1950 the College was renamed again after the name of great educationist, social activist, freedom fighter and alumnus of this great institution - Sir Nilratan Sircar.

The poorest of the poor patients come here from all over the State because of its vicinity of the Sealdah Station and NRS Medical College and Hospital has been serving for the last 150 years for those. NRS Medical College has also witnessed various pandemic and epidemic including dangerous bubonic plague in Kolkata in April 1898, Covid-19 in recent past and many more.

It is heartening to note that this historical Hospital is going to celebrate its 150th Foundation Day and Prize Distribution Ceremony on 1st December' 2022 in a befitting manner.

Happy birthday NRS Medical College & Hospital!

I wish the program a grand success!

Dr. Santanu Sen, MP

Past National President, IMA

Hony. State Secretary, IMA Bengal State

Chairperson, Rogi Kalyan Samity, NRS MC & H

Prof. (Dr.) Debasis Bhattacharyya
MD, Ph.D, DNB

Director of Medical Education
Department of Health & Family Welfare
Government of West Bengal



Swasthya Bhawan
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Ref. No. DME/Sp. Corresp. / 2022 / 295

MESSAGE

Date 11/11/2022

I am very glad to know that the Nilratan Sircar Medical College & Hospital, Kolkata is going to be celebrated its 150th Foundation Day and Prize Distribution Ceremony on 1st December, 2022. I am also happy to note that to commemorate this gracious occasion they are going to publish a souvenir.

N.R.S. Medical College & Hospital is one of premier educational Institution and a multidisciplinary Research Institute. The Institution is acknowledged for its high profile academic background with devotion to the services of the humanity. It is a great pleasure for the students & teachers to celebrate the Foundation Day Ceremony of their Institute in a befitting manner to convey profound admiration to its founders. The students as well as many high dignitaries will gather to celebrate the Foundation Day of the Institution.

The programme must improve the bond of fraternity and also inspire the younger generation with greater enthusiasm for the medical education, scientific research as well as the commitment for the services to the humanity keeping the status of the institution high.

I express my best wishes to all the participants in this programme and wish it a grand success.


Prof. (Dr.) Debasis Bhattacharyya



Dr. Siddhartha Niyogi

Director of Health Services
Department of Health & Family Welfare
Government of West Bengal

Ref. No.

Date

14th November, 2022

MESSAGE

I am very happy to understand that the 'Nil Ratan Sircar Medical College & Hospital, Kolkata' is going to celebrate its 150th Foundation Day and Prize Distribution Ceremony on 1st December, 2022 at the college premises and a colourful Souvenir will also be published to commemorate the happy and momentous occasion.

I am confident that this programme would be very beneficial to the participants and update them for better service to the community.

I express my best wishes to all the Organisers, Speakers & Participants and wish it a grand success.


(Dr. Siddhartha Niyogi)

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES



Prof. (Dr.) Suhrita Paul
Vice- Chancellor

Memo No. Message/PA-VC/WBUHS/2022-2023/0025

Date :02/11/2022



Message

It is my great pleasure to note that the Nilratan Sircar Medical College and Hospital, Kolkata is going to celebrate its 150th Foundation Day and Prize Distribution Ceremony on 1st December, 2022.

This Institution in its long and glorious journey has witnessed several laudable achievements in the field of medical Education, research and study.

On this auspicious occasion I wish to emphasise that Doctors have a vital role to play in the management and leadership of health services and delivery of health care services across the nation as a part of multidisciplinary team.

I admire the efforts made by members and patron of the committee in organising this memorable event.

I am happy to know that a souvenir will be published to commemorate this auspicious occasion.

I extend my warmest wishes for a grand success of the ceremony.

S Paul
02/11/22

Prof. (Dr.) Suhrita Paul
Vice Chancellor

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Patron

Prof (Dr) Debasis Bhattacharyya : Director of Medical Education, Govt. of WB

Dr Siddhartha Niyogi : Director of Health Services; Govt. of WB

Advisor

Dr Santanu Sen : MP Rajya Sabha and Chairman Rogi Kalyan Samiti, NRSMMC

Prof (Dr) Saibal Kumar Mukherjee : Ex Principal NRSMMC

Foundation Day Celebration Committee

Prof. (Dr.) Pit Baran Chakraborty

Principal, NRSMMC
President

Prof. (Dr.) Soma Gupta

HOD, Biochemistry & Dean of Students Affairs, NRSMMC
Vice President

Prof. (Dr.) Indira Dey (Pal)

MSVP, NRSMMC
Vice President

Prof. (Dr.) Pares Bandyopadhyay

HOD, CTVS, NRSMMC
Chairman

Dr. Abhijit Ghosh

President, Ex-students Association, NRSMMC
Vice Chairman

Prof. (Dr.) Anup Kumar Roy

HOD, Pathology, NRSMMC
Vice Chairman

Prof. (Dr.) Saurabh Chattopadhyay

HOD, FMT, NRSMMC
Secretary

Prof. (Dr.) Tuphan Kanti Dolai

HOD, Haematology, NRSMMC
Joint Secretary

Dr. Jayabrata Sen Sharma

Secretary, Ex-students Association, NRSMMC
Joint Secretary

Prof (Dr.) Koushik Saha

HOD, Paediatric Surgery, NRSMMC
Member

Prof. (Dr.) Arijit Sinha

General Medicine, NRSMMC
Member

Dr. Badal Sahu

RMO, General Medicine, NRSMMC
Member

Dr. Panchali Dutta

Assistant Professor, Anatomy, NRSMMC
Member

Dr. Debasis Roy

Ex-students Association, NRSMMC
Member

Dr. Swapan Jana

Ex-students Association, NRSMMC
Member

Dr Abinash Ch Roy

Ex-students Association, NRSMMC
Member

Professor Abhijit Bhakta

Department of Anatomy, NRSMMC
Invitee Member

Dr Sakhi Gopal Saha

Emergency Medicine, NRSMMC
Invitee Member

Foundation Day Sub-committees

Scientific

Prof. (Dr.) Manabendra Sarkar

Anaesthesiology, NRSMMC

Dr. Arjun Baidya

Associate Professor, Endocrinology, NRSMMC

Dr. Sudip Das

Assisat Professor, General Surgery, NRSMMC

Prof (Dr.) Tapan Maity

Gynaecology & Obstetrics, NRSMMC

Dr. Arka Provo Mukherjee

Neurosurgery, NRSMMC

Cultural

Dr. Saikat Mazumdar

Associate Professor, Anaesthesiology, NRSMMC

Dr. Priti Banerjee

RMO, Anaesthesiology, NRSMMC

Dr. Sumana Gupta

Demonstrator, Physiology, NRSMMC

Dr. Joydeep Dutta

Endocrinology, NRSMMC

Program

Prof. (Dr.) Gopinath Barui

Professor, Pathology, NRSMMC

Dr. Sanchita Roy

Assisat Professor, Anatomy, NRSMMC

Dr. Rohit Sarkar

PGT, FMT, NRSMMC

Financial

Dr Kiran Mukherje

Professor, Orthopaedic Department
NRSMMC

Dr Sudeshna Roy

Deputy Dean,
NRSMMC

Dr. Debasis Ray

Professor, Surgery Department
NRSMMC

Souvenir

Prof. (Dr.) Partha Pratim Das

HOD, PMR, NRSMMC

Dr. Subir Mukhopadhyay

Demonstrator Pharmacology, NRSMMC

Dr. Sarbari Kar, (Rakshit)

Demonstrator Pathology, NRSMMC

Dr. Maunam Chottopadhyay

PDT Endocrinology, NRSMMC

N R S Medical College & Hospital

138, A J C Bose Road, Kolkata - 700 014

ADMINISTRATIVE OFFICERS

COLLEGE

Principal

Prof. (Dr.) Pit Baran Chakraborty

Dean of Students' Affairs

Prof (Dr) Soma Gupta

Deputy Dean of Students' Affairs

Dr Sudeshna Roy

Accounts Officer

Mr Sumit Kumar Roy

HOSPITAL

Medical Superintendent cum Vice Principal

Prof (Dr) Indira Dey (Pal)

Additional Medical Superintendent

Dr Sharmila Maulik

Accounts Officer

Mr Sibsankar Das

Nursing Superintendent

Mrs Kalyani Mohanta

Deputy Superintendent (Non Medical)

Mr Mrinal Chakraborty, Mr Swapnanil Bose
Mr Shyama Prasad Bairagi, Mrs Mahuya Chowdhury (Paul)

Assistant Superintendents (Non Medical)

Mr Rajib Basu, Mr Soumya Bhattacharjee, Mrs Ajanta Paul
Mr Arpan Naskar, Mr Mousam Sarkar

COLLEGE OF NURSING

Principal

Mrs Saraswati Barui

SCHOOL OF NURSING

PNO (Principal Nursing Officer)

Ms Papiya Pal

NRSMCH Telephone Operator : (033) 2286 0103, 2286 0105-08

Enquiry : (033) 2286 0140, Extn : 3001

Emergency : (033) 2286 0142, Extn : 3002

Grievance Cell : 83350 50015

From Principal's Desk

NRS Medical College & Hospital



Dated : 25st November, 2022

It gives me immense pleasure to be a part of Celebration of 150th Foundation Day of NRS Medical College & Hospital, Kolkata which is no doubt a dazzling landmark in the history of this prestigious College.

I feel extremely proud to hold the Chair of the Principal of the College in this historic year. I am overwhelmed with the degree of dedication and enthusiasm of all faculties, students and staffs of NRS Medical College to Celebrate the Occasion.

I extend my best wishes for a grand success of the celebration be fitting the glamour and rich academic history of the college.



Prof. (Dr.) Pit Baran Chakraborty

Memo No. NH/9737

Date : 22/11/2022



I am privileged and honoured to be a part of the celebration of 150th Foundation Day of this prestigious institute. I would like to pay my homage and respect to the Founders of the institute and the stalwarts who have devoted themselves to bring the institute to its present shape.

This institute has served mankind since inception. Patients from various corners of the country and outside receive dedicated service from the medical, paramedical, and non-medical health personnel of this institute. I extend my heartfelt thanks to them.

The college has a distinguished legacy of 150 years in the field of medical education imparting undergraduate, post graduate and post doctoral nursing & paramedical education. I am proud to state that this institute has successfully produced eminent doctors, scholars and researchers who are serving mankind in different parts of world.

I am sure that the college will continue with its good work meeting the aspirations of our community. I wish all the concerned health care personnel and students a great success in their endeavour. May this institute provide quality care to the growing health need of the population and best wishes for the future.

Medical Superintendent cum vice Principal
NRS Medical College and Hospital, Kolkata

COLLEGE

University Examinations held during the academic session (2020-2021) and results of those are as follows :

- 1st professional MBBS (February – March, 2022): 255 students appeared and 231 of them passed the examination with 46 candidates securing Honours marks.
- 1st professional MBBS (October – November, 21): 24 students appeared and all of them passed the examination. None received Honours marks.
- 2nd professional MBBS (March-April, 21): 242 students appeared and 235 of them passed the examination with 71 candidates securing Honours marks.
- 2nd professional MBBS (August - September,22): 09 students appeared and all of them cleared it.
- 3rd professional MBBS part - I (April - May, 22): Out of 255 Examinee, 236 could clear the examination and 46 candidates securing Honours marks.
- 3rd professional MBBS part - I (July, 22): Out of 18 students, 18 succeeded.
- 3rd professional MBBS part II (March – April, 22): 260 students appeared and 243 of them passed the examination. 03 candidates securing Honours marks.
- 3rd professional MBBS part II (Jun - July, 22): 13 students appeared and all of them passed the examination. None secured Honours marks.
- In the Post Graduate section, 99 Candidates appeared in the final examination in May – June, 22 out of which 95 could clear the examination.
- In September, 22 out of 4 candidates appeared in PG final examination out of which 4 cleared it.
- In July - August,22 Out of 22 Post Doctoral students who appeared in final examination, 21 candidates passed the examination.
- In October, 22 out of 1 candidate appeared in PDT final examination and cleared it.

HOSPITAL

Total No. of Bed	:	1990
Total No. of Admission	:	85065
Total No. of Discharge	:	46692
Total No. of Still Birth	:	120
Death below 1 month	:	240
Death 1 month of below 1 year	:	77
Death 1 year and above	:	6255
No. of patients attending Emergency	:	100542
No. of patient treated in OPD	:	1024516
New Cases	:	856315
Old cases	:	168201
Daily Average Admission	:	223
Daily Average Discharge	:	128
Daily Average attendance in Emergency	:	275
Daily Average attendance in OPD	:	3392
Total no of operations done		
Major Procedures	:	20309
Minor Procedures	:	24481
Injury reports recorded in Emergency	:	
Admitted cases	:	8830
Non admitted cases	:	2764
Medico-Legal autopsies cases	:	2698
Patient attended OPD for Acupuncture	:	739

Post Graduate (MD/MS)

Anatomy	Biochemistry
Pharmacology	Pathology
Microbiology	Forensic Medicine & Toxicology
General Medicine	Paediatrics
Respiratory Medicine	Dermatology, Venereology & Leprosy
Psychiatry	General Surgery
Orthopaedics	Otolaryngology
Ophthalmology	Anaesthesiology
Radiotherapy	Gynaecology & Obstetrics
Physical Medicine & Rehabilitation (scheduled to be started from the session 2023-24)	Radiodiagnosis

Post Doctoral (DM/MCh)

Clinical Haematology	Paediatric Surgery
Neurology	Urology
Cardiology	Cardio Thoracic & Vascular Surgery
Endocrinology	Plastic & Reconstructive Surgery
Cardiac Anaesthesiology	Neurosurgery
Nephrology	Haematopathology

Nursing

M.Sc. Nursing	Post Basic B. Sc. Nursing
Basic B. Sc. Nursing	GNM

Paramedical (Diploma)

Medical Laboratory Technology	Cathlab Technology
Diagnostic Radiography Techniques	Electrocardiographic Techniques
Physiotherapy	Optometry
Radiotherapeutic Technology	Neuro Electro Physiology Techniques
Dialysis Techniques	Diabetes Care Technology
Perfusion Technology	

Paramedical UG (Degree)

B.Sc. in Critical Care Technology	B.Sc. in Operation Theatre Technology
B.Sc. in Physical Assistant Course	

Paramedical PG (Degree)

M.Sc. in Critical Care Sciences	M.Sc. in Operation Theatre Sciences
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NB.: Operation Theatre & Critical Care Technology courses have been removed from Paramedical Diploma Courses (as mentioned in the last year souvenir) and got shifted to Paramedical UG degree courses now.

Central Library of N.R.S Medical College is the state-of-the art learning resource center of Medical & Allied Sciences over West Bengal. It is situated in the entire 3rd floor of the Academy Building occupying 4000 M2 (Approx) area of well-constructed space. There are two spacious air-conditioned reading room for the undergraduate students having 250 seating capacity. There are separate reading rooms for Faculty members, Post Graduate students and resident scholars. Central Library has well equipped computer lab with internet facility to assist in studying of students and faculties. The library maintains a very rich collection of books, journals and theses.

The library is the Member of National Medical Library's Electronic Resources in Medicine (ERMED) Consortium. It includes 242 high quality online e-journals from 5 leading publishers like BMJ, Cambridge University Press, Lippincott Williams & Wilkins, Oxford University Press and Wiley Online Library.

Collections :

Total No. of Books	: 30981
Total No. of Dissertation / Thesis	: 815
Total No. of latest Journals	: 129
International Journals	: 32
National Journals	: 97

Library-In-Charge

Ms Sima Bakshi

Librarians

Mr Abinash Mondal, Mr Dinesh Mondal, Mrs Sujata Mandal, Mrs Sumitra Haty Konar

Library Attendants

Mr Bimal Routh, Mr Jadunath Behara, Mr Bidhan Biswas

IN CHARGE

Prof. (DR.) Soma Gupta, Prof. (DR.) Jayanta Bikash Dey,
Prof. (DR.) Anup Ray

SUPERVISING AUTHORITY

Prof. (DR.) Debes Ray
Dept. of Biochemistry

JOINTLY MONITORED BY

Dept. of Biochemistry, Dept. of Microbiology & Dept. of Pathology

TESTS PERFORMED AT CENTRAL LABORATORY

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Tests related to Clinical Pathology, Hormone Profile
Cancer Markers, Coagulation Profile
Covid 19- Rapid Antigen Test (RAT)

MEDICAL OFFICER

Dr. Chaitali Bapuli

MEDICAL TECHNOLOGISTS (LAB.)

Dibyendu Ghosh, Prasanta Kr. Das, Rahul Neogy, Siba Prasad Bahadur, Biswajit Chakraborty,
Abdul Halim Daptari, Chameli Dutta, Sayed Ali, Koushik Sarkar, Chandra Prakash Pathak,
Bidyut Kr. Dolui, Goutam Bose, Rakhi Chakraborty Banerjee, Soma Bandyopadhyay,
Anamika Pathak, Sourav Nandy, Kalyan Nasakar, Priyanka Deb, Santanu Porel,
Nayan Das, Chandan Shome, Ishita Dey Das, Nirmallya Chakraborty,
Debobrata Biswas, Somnath Banerjee, Biswajit Bhowmick,
Ashraf Ali Khan

OTHER STAFF

Bhim Chandra Mondal, Anupam Das, Akhilesh Kr Ram, Dilip Kr Chakraborty,
Joystna Dutta, Shipra Shil, Tilaka Sardar, Ranjit Ram, Parsu Ram,
Sekhar Das, Prafulla Mondal, MD. Nimatullah, Sankar Dey,
Bijay Hela, Sarban Das, Munmun Das, Amit Ram,
Koustav Sen (DEO), Santanu Mondal (DEO)

নীলরতন সরকার মেডিকেল কলেজ : ১৫০ বছরের ইতিহাস

ডাঃ অবিনাশ চন্দ্র রায়



১৮৫২ সাল। কলকাতা মেডিকেল কলেজে দেশীয় ভাষা (বাংলা/হিন্দি) ডাক্তারী পড়ানো শুরু হলে বহু সংখ্যক ছাত্র ডাক্তারি বিদ্যায় পাঠ নিতে উৎসাহিত হয়।

মেডিকেল শিক্ষা ব্যবস্থায় বিভিন্ন রকম পরিবর্তনের জেরে একটি নিম্নমানের (Lower Standard) মেডিকেল স্কুল প্রতিষ্ঠার প্রয়োজন হয়ে পড়ে।

১৮৬৪ সাল। শিয়ালদহ স্টেশনের সংলগ্ন এলাকায় মিউনিসিপালিটি একটি মার্কেট তৈরীর পরিকল্পনা করেন এবং শিয়ালদহ মার্কেট নামাঙ্কিত (Sealdah Market) একটি নান্দনিক বাড়ি তৈরী হয়। এই বাড়ি তৈরীর মূখ্য উদ্দেশ্য ছিল শিয়ালদহ স্টেশন লাগোয়া বিস্তীর্ণ প্রত্যন্ত গ্রামীণ এলাকা থেকে কৃষি ও Poultry জাত পণ্য কলকাতার শিয়ালদহ মার্কেটে সংগ্রহ করা ও বিক্রি করা।

১৮৬৭ সাল ১লা জুলাই। একটি হাসপাতালের অতি প্রয়োজনীয়তার কারণে Justice of Peace বা কলকাতার শেরিফ এই শিয়ালদহ মার্কেটেরই Central Hall-এ Sealdah Municipal Hospital চালু করেন। এটি একটি গরীবদের হাসপাতাল যা Pauper Hospital নামে খ্যাত হয়। ব্রিটিশ গভর্নমেন্ট এই হাসপাতাল খুলতে বাধ্য হয় সামাজিক, রাজনৈতিক কারণ ছাড়াও প্লেগ, কালাজ্বর, কলেরা ইত্যাদি রোগের মড়ক লাগার জন্য। এছাড়া সিপাহী বিদ্রোহের ঘটনার পরিপ্রেক্ষিতে জরুরী ভিত্তিক শিয়ালদহ মার্কেট বিল্ডিংকে শিয়ালদহ মিউনিসিপাল হাসপাতালে পরিবর্তন করা হয়।

নীলরতন সরকার মেডিকেল কলেজের ভিতর শিয়ালদহ মার্কেট নামাঙ্কিত একটি বাড়িতে সেন্ট্রাল হল নামাঙ্কিত একটি অতি নান্দনিক বাড়ি এখনো বিদ্যমান। যদিও এটা এখন Heritage Building মর্যাদা প্রাপ্ত বাড়ি তবুও সময়ের অতি প্রয়োজনে এই বাড়ীর দোতলায় এখন Central OT Complex হিসাবে সরকার গড়ে তুলেছেন।

স্বদেশী ভাষায় পঠন-পাঠনের ক্লাস মেডিকেল কলেজ থেকে এখানে Sealdah Municipal Hospital-এ স্থানান্তরিত হয়।

১৮৭৩ সালে ১লা ডিসেম্বর তদানিন্তন ব্রিটিশ গভর্নমেন্ট এই হাসপাতাল অধীগ্রহণ করে এবং এই হাসপাতালের নাম পরিবর্তন হয়। এইভাবে জন্ম হল বাংলার প্রথম মেডিকেল স্কুলের। তাই মেডিকেল কলেজ, বেঙ্গল থেকে স্বদেশী ভাষায় শিক্ষাদান বিষয় এই শিয়ালদহ মেডিকেল স্কুলে সরাসরি স্থানান্তরিত করা হয়। শিয়ালদহ মেডিকেল স্কুল থেকে শুরু করে আজকের নীলরতন সরকার মেডিকেল কলেজ ও হাসপাতাল ১৫০ বছরের ইতিহাস।

১৮৭৪ সাল। শিয়ালদহ মেডিকেল স্কুলের নাম ক্যাম্পবেল মেডিকেল স্কুলে পরিবর্তিত হয়। তদানিন্তন লেফটেন্যান্ট গভর্নর স্যার জর্জ ক্যাম্পবেল-এর নামে এই নাম পরিবর্তন। প্রসঙ্গত তাঁর পরামর্শে এবং আগ্রহেই শিয়ালদহ মেডিকেল স্কুলের সৃষ্টি। ব্রিটিশ ভারতবর্ষে এটিই হ'ল প্রধান মেডিকেল স্কুল।

এই স্কুলের পঠন পাঠনের মাধ্যম ছিল ইংরেজী ও বাংলা অথবা হিন্দি। ৩ বছরের এই ডাক্তারী কোর্স ছিল।

১৮৯৫ সালে Vernacular Course বাড়িয়ে ৪ বছর করা হয়। যারা এই স্কুল থেকে পাশ করতেন তাদেরকে প্রথমদিকে 'Native' ডাক্তার হিসাবে গণ্য করা হত। পরবর্তীকালে "Hospital Assistant" হিসাবে এবং তারপর "Sub Assistant Surgeon" হিসাবে পরিগণিত করা হত।

স্কুল L.M.P. সার্টিফিকেট (Licenciate Medical Practitioner) প্রদান করত ১৯১৩ সাল পর্যন্ত। ১৯১৩ সালের পর LMF (Licenciate in Medical Factuality) সার্টিফিকেট প্রদান শুরু হয়। প্রসঙ্গত উল্লেখযোগ্য যে কলকাতা মেডিকেল কলেজে ডিগ্রি দেওয়া হত MB। আর যারা MB কোর্সে ভর্তি হতেন তাদের Intermediate in Science (ISC) পাশ করবার পরই ভর্তি হতে পারতেন। কিন্তু ক্যাম্পবেল মেডিকেল স্কুলে Matriculation (বর্তমানের Higher Secondary) পাশ করার পরই ভর্তি হতে পারতেন। ক্যাম্পবেল মেডিকেল স্কুলের প্রথম সুপারইনটেনডেন্ট ছিলেন Dr. C. T. Woodford.

১৮৭৮ সাল। সংক্রামক রোগীদের (কলেরা, প্লেগ ইত্যাদি) জন্য টিনের চালা দেওয়া ওয়ার্ড স্থাপিত হয় এই হাসপাতালের দক্ষিণ-পূর্ব দিকে।

১৮৮৮ সাল একটি নতুন ওয়ার্ড তৈরী হয় এই হাসপাতালের পুকুর এর উত্তর দিকে। এক বিশাল হল টালির ছাদ দেওয়া। এর নাম Mackenzie ওয়ার্ড তৎকালীন সুপারইনটেনডেন্টের নাম অনুসারে।

১৮৮৮ সালে সর্বপ্রথম মহিলা ছাত্রী এই স্কুলে ভর্তি হয়। খুব মজার কথা তারা বয়স্কা মেট্রনের সঙ্গে আসতেন ক্লাস করতে এবং ক্লাসে পর্দা দিয়ে ঘেরা জায়গায় বসতেন। তদানিন্তন গভর্নর এর স্ত্রী ‘লেডি ইলিয়ট’ এর নামে মেয়েদের হোস্টেল তৈরি হয় হাসপাতালের পূর্ব-দক্ষিণ দিকে। মুর্শিদাবাদের বেগম ২৫০০০ টাকা দান করেন এই হোস্টেল তৈরীর জন্য আর Lady Dufferin Charitable Trust থেকেও অর্থ সংগ্রহ করা হয় এই হোস্টেল তৈরীর জন্য।

১৯০০ সাল। পুরুষ এবং মহিলা সার্জিকাল রুগীর জন্য ফেজার ওয়ার্ড তৈরী হয়।

১৯০৫ সাল। টালির ছাদ দেওয়া একটি বিশাল হলঘর নির্মাণ করা হয় পুকুরের দক্ষিণ পাড়ে। এর নাম ছিল উডবার্ন ওয়ার্ড (Woodburn Ward) এখানে মেডিসিনের পুরুষ ও মহিলা রোগী ভর্তি হত।

১৯১০ সাল। স্ত্রীরোগ ও প্রসূতি রোগীদের জন্য Baker ওয়ার্ড তৈরী হয়।

১৯৪৪ সালে Nursing Training School স্থাপিত হয়। ট্রেনিং প্রাপ্ত নার্সের অভাব যাতে না হয় আর নার্সিং পরিষেবা যাতে ভাল হয় তার জন্য এই প্রচেষ্টা। তাদের ৪ বছরের কোর্সে ভর্তি করা হত। তারা এলাউন্স (Allowance) পেতেন এবং নার্সদের কোয়ার্টার-এ থাকার বন্দোবস্তও ছিল।

প্রতিবছর বহু ডাক্তার পাশ করে বের হত। এদের অধিকাংশই বাংলার বিভিন্ন প্রান্তে প্রাইভেট প্র্যাকটিসে নিয়োজিত হত। কিছু সংখ্যক ডাক্তার সরকারী চাকরীতে অথবা District বোর্ডের চাকরী কিংবা রেলের চাকরী অথবা Industrial কোম্পানীর চাকরীতে যোগ দিত।

১৯৪৮ সালের ১লা জুলাই ক্যাম্পবেল মেডিকেল স্কুল ক্যাম্পবেল মেডিকেল কলেজে রূপান্তরিত হয় Post War Development Scheme এর শর্ত অনুযায়ী।

১০৫ জন ছাত্র MBBS-এর প্রথম বর্ষে ভর্তি হয় ক্যাম্পবেল মেডিকেল কলেজে। ১৯৫৩ সালে MBBS-এর প্রথম ব্যাচ পাশ করে। ১৯৫০ সালে এই কলেজ কলকাতা বিশ্ববিদ্যালয়ের অনুমোদন পায়।

ক্যাম্পবেল মেডিকেল স্কুল ও কলেজ হ’ল কিন্তু স্কুল সঙ্গে সঙ্গে বন্ধ হল না। স্কুলে নতুন Admission শুধু বন্ধ হল। ভর্তি হয়ে যাওয়া ছাত্র-ছাত্রীদের পঠন-পাঠন তাদের final year পর্যন্ত চলতে থাকল। তাই College Section ও স্কুল সেকশন এর ডাক্তারি লেখাপড়া একসঙ্গেই চলতে থাকল। College Section - এর বিভিন্ন Department - এর কর্মচারীদের নিয়োগ করল সরকার। ডা. অজিত কুমার দত্তগুপ্ত হলেন ক্যাম্পবেল মেডিক্যাল কলেজের প্রথম Principal cum Superintendent 1.5.1948 সালে তাঁকে নিয়োগ করা হয়। তিনি Retirement পর্যন্ত (31 May 1959) এই পদে আসীন ছিলেন।

১০ই আগস্ট ১৯৫০ এই কলেজের কৃতি ছাত্র ডা. নীলরতন সরকারের (1.10.1861-18.5.1943) নামে এই কলেজের নামকরণ হয় নীলরতন সরকার মেডিকেল কলেজ। প্রসঙ্গত ১৮৭৬ সালে নীলরতন সরকার জয়নগর High School থেকে Entrance পরীক্ষায় পাশ করে ক্যাম্পবেল মেডিকেল স্কুলে ভর্তি হন। ১৮৮১ সালে নীলরতন সরকার ক্যাম্পবেল মেডিকেল স্কুল থেকে L.M.P. পাশ করেন।

১৮৮৩ সালে মেট্রোপলিটন কলেজ (অধুনা বিদ্যাসাগর কলেজ) থেকে এল এ (এখনকার আই.এ) এবং ১৮৮৫ সালে B.A. পাশ করেন।

১৮৮৫ সালে তিনি আবার মেডিকেল কলেজ, বেঙ্গল (বর্তমানে কলকাতা মেডিকেল কলেজ) এ তৃতীয় বর্ষের ছাত্র হিসেবে ভর্তি হন। ক্যাম্পবেল মেডিকেল স্কুলের রেজাল্ট এত ভাল ছিল যে মেডিকেল কলেজ, বেঙ্গলে তৃতীয় বর্ষে ভর্তি হতে এতটুকু বেগ পেতে হয়নি।

১৮৮৮ সালে নীলরতন অসাধারণ কৃতিত্বের সঙ্গে ডাক্তারি (M.B.) পাশ করলেন।

১৮৮৯ সালে M.A. এবং MD দুই পরীক্ষাতে স্বসম্মানে উত্তীর্ণ হলেন ডা. নীলরতন সরকার। তার আগে মাত্র ৬ জন চিকিৎসক MD ডিগ্রী পেয়েছিলেন।

সময়ের সঙ্গে এবং রোগীর শয্যা সংখ্যা বাড়ানোর তাগিদে নীলরতন সরকার মেডিকেল কলেজ হাসপাতালের নানান নতুন বিল্ডিং তৈরী হয় পুরনো বাড়িগুলো ভেঙে। নীলরতন মেডিকেল কলেজের ভিতর পুকুরের উত্তর দিকে তৈরী হয় বহুতল সুউচ্চ বিল্ডিং U. N. Brahmachari Building পূর্বের বৃহৎ Mackenzie ওয়ার্ড ভেঙে। ডা. ব্রহ্মচারী কালাজ্বরের ওষুধ ইউরিয়া স্টিভামিন আবিষ্কার করেন নীলরতনের সেন্ট্রাল হল নামক বিল্ডিং এর পিছন ও দক্ষিণ দিকের একটি ইলেকট্রিক বাতিহীন ও কলের জলহীন ছোট্ট ঘরে রিসার্চ চালিয়ে। ১৯২১ সালে এই ওষুধ আবিষ্কার করে তিনি লক্ষ লক্ষ মানুষের প্রাণ বাঁচিয়েছেন এবং বিশ্ববিশ্রুত বৈজ্ঞানিকের সম্মান পেয়েছেন। পুকুরের দক্ষিণ দিকের বিশাল উডবার্ন ওয়ার্ড ভেঙে তৈরী হয়েছে আর একটি সুউচ্চ অট্টালিকা। এখানে স্ত্রীরোগ ও প্রসূতি রোগীদের রাখা হয়। আরও অন্যান্য রোগী এখানে ভর্তি হয়। এর নাম Centenary Building। অন্যদিকে এই হাসপাতালের পূর্ব ও দক্ষিণ দিকের টিনের চালা দেওয়া পুরনো কলেরা ও প্লেগ ওয়ার্ড ভেঙে আর একটি সুউচ্চ অট্টালিকা তৈরী হয়েছে যার নাম Academy Building। এটিই হল Administrative Building, এর মধ্যে রয়েছে Auditorium, Principal এর Office ও সুবৃহৎ Central Library ইত্যাদি।

ক্যাম্পবেল মেডিকেল স্কুলে অসামান্য ও উদ্ভাবনী কাজকর্ম করে যারা বিশ্ববিখ্যাত হয়েছেন তাঁরা হলেনঃ (১) Sir Leonard Rogers (১৮৬৮-১৯৬১) : কলেরা রোগের চিকিৎসায় Roger's Canula উদ্ভাবন করে এর সাহায্যে I.V. স্যালাইন দিয়ে লক্ষ লক্ষ কলেরা রোগীর প্রাণ বাঁচিয়েছেন। (২) স্যার U. N. Brahmachari (7.6.1875-6.2.1946) ১৯২১ সালে কালাজ্বরের ঔষধ Urea Stibamine আবিষ্কার করেন। তিনিই বিশ্বের প্রথম অ্যান্টিবায়োটিক আবিষ্কার করেন বলেও অনেকে মনে করেন। (৩) ড. স্যার কেমার নাম দাশ (১৮৬৭-১৯৩৬) ১৮৯৯ থেকে ১৯১৯ দীর্ঘ ২০ বছর এই প্রতিষ্ঠানের সঙ্গে যুক্ত ছিলেন। কিংবদন্তী একটি (ফরসেফ) Forceps আবিষ্কার করেন যা ভারতীয় মহিলাদের শ্রেণীর (Pelvis) এর সঙ্গে খাপ খায়। এই Forceps আবিষ্কার সারা পৃথিবীর চিকিৎসক মহলে তাঁকে পরিচিতি দেয়। এই ফরসেফের নাম Das's Forceps অথবা Bengal Forceps। এটি আবিষ্কারের জন্য তিনি স্যার উপাধিতে (Knighthood) ভূষিত হন।

আরো যাঁরা ক্যাম্পবেল মেডিকেল স্কুলের সঙ্গে যুক্ত ছিলেন এবং পরবর্তীকালে প্রভূত নাম করেছেন তাদের মধ্যে একজন হলেন (১) ডা. গীতা ঘোষ (১৯৩৩-২০০৬)। তিনি ক্যাম্পবেল মেডিকেল স্কুলের ছাত্রী। তিনি ভারতবর্ষের Armed Force-এর ইতিহাসে একটি উল্লেখযোগ্য নাম প্রথম মহিলা প্যারাসুট Jumper হিসেবে। (২) ডা. বিধান চন্দ্র রায় (১.৭.১৮৮২ - ১.৭.১৯৬২) : ক্যাম্পবেল মেডিকেল স্কুলের Anatomy এবং মেটেরিয়া মেডিকার শিক্ষক ছিলেন ১৯১২ থেকে ১৯১৮ পর্যন্ত। তিনি ভারতবর্ষের একজন অত্যন্ত বিখ্যাত চিকিৎসক ছিলেন। তিনি পশ্চিমবঙ্গের দ্বিতীয় মূখ্যমন্ত্রী এবং পশ্চিম বাংলার রূপকার। তাঁর হাত ধরেই স্বাধীনোত্তর পশ্চিম বাংলার সার্বিক উন্নতি হয়। (৩) ডা. এ. ডি. মুখার্জী (১৮৯৮-১৯৭৭) : ক্যাম্পবেল মেডিকেল স্কুলের ছাত্র এবং স্বাধীনতার পর পশ্চিম বাংলার প্রথম স্বাস্থ্যমন্ত্রী ডা. বিধান চন্দ্র রায়ের মন্ত্রী সভায়।

১৯৫০ সালে এই শিক্ষা প্রতিষ্ঠান যখন কলেজে উন্নতি হল 'নীলরতন সরকার মেডিকেল' নামে তারপর এর নাম সারা ভারতবর্ষে এবং বিশ্বের দরবারে পৌঁছে যেতে বেশি সময় লাগেনি। বিশেষ করে এর সঙ্গে যে সমস্ত প্রতিভাধর শিক্ষক যুক্ত হয়ে বিভিন্ন ক্ষেত্রে নিজেদের উৎকর্ষতা প্রমাণ করেছেন ও রিসার্চের মাধ্যমে নতুন নতুন উদ্ভাবন করেছেন তারই জন্য।

(১) অধ্যাপক এ. কে. সাহা (১৯১৩-১৯৯৪) অস্থিশল্য বিভাগের প্রধান। Shoulder Joint এর উপর মৌলিক অবদানের জন্য বিখ্যাত হয়ে আছেন।

(২) অধ্যাপক এ. কে. বসু (৭.১২.১৯১২) নীলরতন সরকার মেডিকেল কলেজের সার্জারী বিভাগের প্রথম বিভাগীয় প্রধান Cardiothoracic Surgery একজন দিকপাল। তিনি "Porta Caval Shunt for Tropical Cirrhosis of Liver" অপারেশন উদ্ভাবন করে ভারতেও বিশ্ব বিখ্যাত হয়ে আছেন। ১৯৬২ সালে সর্বপ্রথম Royal College-এর FRCS পরীক্ষার পরীক্ষক নির্বাচিত হন এবং এক দুর্লভ সম্মানে ভূষিত হন।

(৩) অধ্যাপক শম্ভু নাথ দে (১৯১৫-১৯৮৫) নীলরতন সরকার মেডিকেল কলেজে কলেরা রোগের Exotoxin নিয়ে কাজ করে বিখ্যাত হয়ে আছেন। তিনি নীলরতন সরকার মেডিকেল কলেজে প্যাথলজি বিভাগের অধ্যাপক ছিলেন। তার ঐ কাজ তিনি কলকাতা বিশ্ববিদ্যালয়ের সাইন্স কলেজের সঙ্গে সহযোগিতা করে করেছিলেন এবং এরজন্য তাঁকে নোবেল প্রাইজের জন্য পরামর্শ দেওয়া হয়েছিল। ঐ কাজ করে তিনি D.Sc ও পান।

(৪) অধ্যাপক সুবীর চ্যাটার্জী শিশু শল্য চিকিৎসায় ভারতবর্ষে একটি উল্লেখযোগ্য নাম।

(৫) অধ্যাপক বিষ্ণু চ্যাটার্জী Open Heart Surgery নিয়ে এই মহাবিদ্যালয়ে অনেক গবেষণা করেছেন।

(৬) অধ্যাপক হিরালাল সাহা (৩০.৪.১৯১৪-২৩.৩.২০০২) এই মহাবিদ্যালয়ে Physiology-র নামকরা অধ্যাপক ছিলেন এবং Physiology-র উপর অনেক মৌলিক কাজ করে নাম করেছেন।

(৭) অধ্যাপক চুনীলাল মুখার্জী NRS-এর একজন নামকরা শিক্ষক ছিলেন ধাত্রীবিদ্যার।

(৮) অধ্যাপক সি. এস. দাঁ এবং অধ্যাপক ডি. সি. দত্ত ধাত্রীবিদ্যা ও স্ত্ররোগের উপর দুটি করে জনপ্রিয় বই লিখে ভারতবর্ষে মেডিকেল ছাত্র-ছাত্রীদের কাছে স্মরণীয় হয়ে আছেন।

(৯) অধ্যাপক সমীর বিশ্বাস চক্ষু চিকিৎসায় একটি বিখ্যাত নাম। N.R.S. Medical College-এ রেটিনাল ডিটাকমেন্ট-রে উপর অনেক কাজ করেছেন ১৯৬০ সালের শুরু থেকে।

(১০) অধ্যাপক শৈবাল গুপ্ত সর্বপ্রথম Natural Aortic Valve Replacement সার্জারী করেন এশিয়া মহাদেশে। ১৯৭৬-৭৯ সালে যখন তিনি NRS-এ কাজ করেছেন তখন এই শিক্ষা প্রতিষ্ঠানের Cardio Thoracic Unit ভারতবর্ষে সেরা ছিল।

(১১) ডা. ডি. পি. বক্সী তাঁর কাজ 'Elbow Prosthesis' এবং "Osteomyelitis of Femoral Head"-এর চিকিৎসার উপর কাজ করে আন্তর্জাতিক স্তরে খুব সুনাম করেছেন।

(১২) অধ্যাপক সুভাষ মুখার্জী (১৬.১.১৯৩২-১৯.৬.১৯৮১) ভারতবর্ষের প্রথম নলজাতক স্রষ্টা এবং পৃথিবীর দ্বিতীয়। তিনি ১৯৬৭ সাল থেকে ১৯৭৬ সাল পর্যন্ত নীলরতন সরকার মেডিকেল কলেজের সঙ্গে যুক্ত ছিলেন। প্রথমে Physiology-র লেকচারার ও পরে অধ্যাপক হন। এই মহাবিদ্যালয়ে তিনি বহু রিসার্চের কাজ করেছেন। Reproductive Science-এর উপর তাঁর অনেক উদ্ভাবনী চিন্তা ভাবনা ছিল যা তাঁর সমসাময়িক সহকর্মীরা বিশ্বাসই করতেন না। সেটা ছিল সত্তরের দশক। তাঁরই হাত ধরে এবং তাঁরই বিজ্ঞানের উদ্ভাবনী চিন্তায় ৩.১০.১৯৭৮ সালে জন্ম নেয় ভারতের প্রথম টেস্টটিউব বেবী Durga (কানুপ্রিয়া আগরওয়াল)। এটি বিশ্বের দ্বিতীয় টেস্টটিউব বেবী।

(১৩) অধ্যাপক বৈদ্যনাথ চক্রবর্তী (২.৮.২৮-১৫.৪.২২) ভারতবর্ষে এবং বর্হিবিশ্বে একটি উল্লেখযোগ্য নাম প্রজনন বিশেষজ্ঞ ডাক্তার হিসেবে। নীলরতন সরকার মেডিকেল কলেজে তিনি দীর্ঘদিন শিক্ষকতা করেছেন এবং ছাত্র-ছাত্রীদের কাছে অত্যন্ত প্রিয় শিক্ষক। তিন বার তাঁর N.R.S.-এ Posting হয়। প্রথমবার Senior Resident House Surgeon হিসাবে। দ্বিতীয়বার আবার ১৯৬৮ থেকে ১৯৭৭ সাল পর্যন্ত। এই সময়ে ডা. সুভাষ মুখার্জীর সঙ্গে মিলিত ভাবে অনেক রিসার্চের কাজ করেন এবং দেশ-বিদেশের জার্নালে বহু মৌলিক রিসার্চ পেপার প্রকাশিত করেন। ডা. বৈদ্যনাথ চক্রবর্তীর শেষ তৃতীয়বার N.R.S. Medical College Posting হয় ১৯৮৫ সালে। এই সময়ে তিনি Assisted Reproductive Technology নিয়ে কাজ শুরু করেন এবং কলকাতায় দ্বিতীয় টেস্ট টিউব বেবীর জন্ম হয় ১৯ অক্টোবর ১৯৮৬ সালে। এটি ভারতবর্ষের তৃতীয়। টেস্টটিউব বেবী। স্যার ১৯৮৬ সালে সরকারী চাকরী থেকে অবসর গ্রহণ করেন। ১৯৯০ সালে উত্তরবঙ্গ বিশ্ববিদ্যালয় থেকে DSC লাভ করেন।

পরিশেষে, যদিও শিয়ালদহ স্টেশন সংলগ্ন অঞ্চলে শস্য সংগ্রহশালার জন্য ১৮৬৪ সালে তৈরী হয় 'শিয়ালদহ মার্কেট' ও 'সেন্ট্রাল হল' নামাঙ্কিত বাড়িটি তথাপি এর ভিতরে এক কণাও শস্য সংগ্রহ করা হয়নি কোনদিন। কিন্তু সময়ের অতি প্রয়োজনে এবং প্রচণ্ড প্রতাপ ব্রিটিশ রাজের হুকুমে সেই বাড়ি শিয়ালদহ মিউনিসিপাল হাসপাতাল নামে পরিবর্তিত হয়ে গড়ে ওঠে এক দরিদ্রনারায়ণের হাসপাতাল ১৮৬৭ সালের ১লা জুলাই। ১৮৭৩ সালের ১লা ডিসেম্বর এই হাসপাতাল সরকারী নির্দেশে

শিয়ালদহ মেডিকেল স্কুলে পরিণত হয়। আবারও ১৮৭৪ সালে নাম পরিবর্তন হয়ে এই মেডিকেল স্কুলের নামকরণ হয় ক্যাম্পবেল মেডিকেল স্কুল। ১৯৪৮ সালে এই স্কুল ক্যাম্পবেল মেডিকেল কলেজে রূপান্তরিত হয়। অবশেষে ১৯৫০ সালে এই মহাবিদ্যালয়ের সর্বশেষ নাম পরিবর্তন হয়ে নীলরতন সরকার মেডিকেল কলেজ হয়।

১৯৭০ সালের আগে যারা এন.আর.এস. মহাবিদ্যালয়ে ডাক্তারি পড়তে চুকেছেন তারা সবাই ঐ শিয়ালদহ মার্কেট বা সেন্ট্রাল হল নামাঙ্কিত বাড়িটিতে Fresher's Welcome, সরস্বতী পূজা, নামীদামি বিখ্যাত শিল্পীদের নিয়ে সাংস্কৃতিক অনুষ্ঠান, College Re-union, Students union, Table Tennis খেলা, Gymnasium-এ শরীর চর্চা করে জীবনের অনেক মহামূল্যবান সময় কাটিয়েছেন।

তাই এই মাতৃপ্রতিষ্ঠান ছাত্র-ছাত্রীদের কাছে যৌবনের উপবন ও বার্ষিকের বারানসী হয়ে যুগ যুগ ধরে বিরাজ করবে।

২০২১ সাল। তদানীন্তন প্রিন্সিপাল অধ্যাপক ডাঃ শৈবাল মুখার্জী ও আমাদের নীলরতন সরকার মেডিক্যাল স্কুল ও কলেজের প্রাক্তনীদের সংগঠনের মিলিত প্রচেষ্টায় ও উদ্যোগে একটি খুব ভালো সিদ্ধান্ত নেওয়া হয়।

১. শ্রদ্ধেয় অধ্যাপক ডাঃ সুভাষ মুখার্জী NRS Boys হোস্টেল এর যে কোয়ার্টার এ থাকতেন তার বাহির এর দেয়ালে একটি স্মৃতি ফলক লাগানো। ২. NRS Boys হোস্টেল এর নাম অধ্যাপক ডাঃ সুভাষ মুখার্জী র নামে হবে আর। ৩. Boys হোস্টেল এর ফ্রন্ট গেটের ডান দিকে সুভাষ মুখার্জী র আবক্ষ মূর্তি বসানো।

অবশেষে সেই শুভ দিন ক্ষণ এলো। ১লা অক্টোবর ২০২১। সুভাষ মুখার্জীর কোয়ার্টার এর বাহির এর দেয়ালে প্রস্তর ফলকের আবরণ উন্মোচন করলেন তাঁরই হাতে সৃষ্টি হওয়া ভারতের প্রথম ও পৃথিবীর দ্বিতীয় টেস্ট টিউব বেবি দুর্গা ওরফে কানুপ্রিয়া আগরওয়াল। ওই অনুষ্ঠানে আমিও উপস্থিত ছিলাম। একটি ঐতিহাসিক ঘটনার সাক্ষী হয়ে রইলাম। এই অনুষ্ঠানে দুর্গার বাবা প্রভাত আগরওয়াল ও উপস্থিত ছিলেন। এর পর অধ্যাপক ডাঃ সুভাষ মুখার্জীর আবক্ষ মূর্তি উন্মোচন করা হয়। সবশেষে (LLT) সিস্টার নিবেদিতা হল এ একটি সংক্ষিপ্ত আলোচনা চক্র অনুষ্ঠিত হয় নীল রতন সরকার মেডিক্যাল কলেজের প্রাক্তন ছাত্র সংগঠন এর উদ্যোগে। উপস্থিত ছিলেন সংগঠনের কর্মকর্তাগণ, প্রিন্সিপাল মহাশয়, IVF বিশেষজ্ঞ চিকিৎসকেরা ও কানুপ্রিয়া আগরওয়াল আর তার বাবা।



Dengue : More a Clinical & Environmental Challenge and Less of a Political Issue

Dr. Dipankar Maji, 1979 Medicos Batch, NRSMCH

Dengue is one of the major public health problems in West Bengal. It occurs perennially in every year, but a dengue wave hits the State once every two or three years and creates a lot of heat & dust. The health problem, dealt with from a political angle, makes the situation more complex.

It needs to be understood that the persistence of the diseases in our communities is entrenched into a host of characteristics of the disease itself, the population and the environment. If we argue without going into the complexities of these factors, it neither provides any effective clue to control the disease, nor does it portray the problem in the proper hue.

Persistence & Spread of Dengue : A Few Reasons

The natural history of dengue is such that most of the infections (about 70%) caused by the virus pass unnoticed (asymptomatic infection). This characteristic, multiplied by the huge population movement, favours easy spread of the disease from some primary areas to secondary ones. [The reader may recall the Covid lockdown period and the drastic fall in dengue incidence in those years].

The environmental suitability for vector breeding has considerably increased in last one decade or so. Aedes mosquitoes prefer clean water in small receptacles to breed. Owing to the gross change in our lifestyle, the generation of garbage in the form of different containers (plastic, thermocol, metal etc) has increased a lot. An estimate says that India generates 1.3 lakh tonnes of solid waste daily in the municipal areas. About 10% of it by weight is plastic. We, the people, indiscriminately throw away disposable articles/discarded packaging here and there. At the time of monsoon rain water collects in these containers which serve as innumerable happy breeding grounds for the dengue vector. Also, these materials go and get lodged in the drains. The blocked sewers then act as alternative breeding sites and help the aedes to reproduce even during the dry summer or winter.

Slow but steady changes of the climate also play their hand – unfortunately to the benefit of the vector, not of the host. Increase of rains, ambient temperature and humidity will all favour the reproduction, spread and life span of mosquito vectors.

Urban Solid Waste

The conservancy system of many of the Municipalities across the country cannot keep pace with the growing rate of generation of solid waste. [Per capita waste generation varies between 0.2 Kg to 0.6 Kg per day in cities with population ranging from 1.0 lakh to 50 lakh.] This is not ‘only’ an administrative failure, but there are some major constraints also, like dearth of dumping grounds, unsuccessful waste segregation at source etc.

Problem in the Villages

Now add to this the rural areas where also the communities have gone through a visible change in life style, more so in the peri-urban Panchayat areas. It’s perhaps a greater concern than the problem in the urban areas. Nowadays a lot of disposable materials are used in the villages too, but on the other hand a solid waste management system is still non-existent in most of them. [The author, in his personal experience, has seen lots of plastic waste even in a remote tea garden village in a north Bengal district.]

The thrown away materials floating in the ponds or lying here & there under the vegetation are suitable breeding spots for Aedes albopictus (predominant rural vector for dengue; prefers to stay outdoor unlike the urban Aedes aegypti). While discussing the rise of dengue incidence, the rural contribution must also be borne in mind, which is environmentally a big challenge to take on (irrespective of political characteristics).

Dengue Mortality

Often during the monsoon or post-monsoon months, deaths of dengue cases become a lead topic in the media and the political forum as well. Although specific and feasible guidelines are available to prevent/manage dengue shock or dengue haemorrhage, it is accepted that cases up to certain proportion will turn into severe dengue. Assessment of WHO says that “timely detection of cases, identifying any warning signs of severe dengue infections and appropriate case management are key elements of care to prevent patient death and can lower fatality rates of severe infection to below 1%” (please mind it is not nil). Dengue deaths are reported even from countries like Singapore and states like Kerala.

We know that 4 serotypes of dengue are prevalent in India. Perhaps by the way of natural selection the predominant circulating serotype changes over time. With every other wave of dengue, a new serotype (i.e. serotype not in circulation for many years) has been inducted into the different regions of our State. Such serotypic overwriting is said to cause secondary dengue (infection with a second serotype) and such cases are much more prone to severity. [It is corroborated by the observation that dengue surge in virgin areas causes very few fatalities in contrast to the region of Kolkata and surrounding districts].

Cytokine Storm : Use Steroid or Not?

What I want to mean is severe dengue may occur also due to vital organ involvement or coagulopathy in absence of Dengue Shock Syndrome (DSS) or Dengue Haemorrhagic Fever (DHF), and some deaths are within the limit of expectancy among this section of patients. Clinicians nowadays express that in a significant number of cases, organ dysfunction (transaminitis, ARDS, acute kidney injury, encephalopathy etc) is encountered in early stage of the disease, say on day-3 or 4 of fever, before DSS/DHF has set in. This is often attributed to cytokine storm (akin to the cytokine storm caused by Covid) which may not be reversible even in the best available facility (govt/private). Taking this into view, severe dengue is a challenge before the modern medicine. Deliberation needs to be started at the national level about use of corticosteroids in such cases, for which no standardized or uniform protocol is yet to be available.

Now, on the top of severe dengue, HLH (haemophagocytic lympho-histiocytosis) is also being reported in some cases, further complicating the picture. So, one would appreciate that death in dengue now stands out as a technical challenge over & above the administrative issues.

Conclusion

Criticism is a hallmark of democracy, but on the flip side of the coin over-simplistic news items/statements hamper the public health delivery system itself. Such messages shift the focus of the community from the desired role & responsibilities to impractical expectations. The health and sanitation systems, instead of looking for what more can be done, start wasting time & energy to find self-defence against the criticism.

In present day scenario, morbidity & mortality due to dengue should be seen more as a clinical & environmental challenge than as an administrative issue (blame game). Political debate, if any, should also move in that direction.

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The views expressed here are his personal opinion, not made from the official capacity.

Discovery of Antimonial : An Age-Old Pride of NRSMC

Prof Supreeti Biswas Mondal, Prof Arijit Ghosh, Dr. Ananya Mandal, Dr. Suman Chattopadhyay
Dr. Subhradip Bhattacharya, Dr. Subir Mukhopadhyay

This year is being observed as the glorious centenary of the invention of UREA STIBAMINE, coincident with the celebration of the 150th foundation day of Nilratan Sircar Medical College (NRSMC). It's our immense pride to be working in this Institution where the great discovery of UREA STIBAMINE was accomplished by Sir Upendra Nath Brahmachari in the year 1922 to determine its commendable efficacy in the treatment of Kala-azar. At that time Dr. U. N. Brahmachari, a renowned Indian scientist and a prominent medical practitioner of his era, was attached (from 1905 to 1923) with Campbell Medical School (renamed later on as NRSMC), Calcutta. His "Treatise on Kala-azar" is a premier work on the subject.

Kala-azar (a Hindi term for black sickness), also known as Visceral leishmaniasis (VL), is a highly fatal protozoal (*Leishmania donovani*) infection with wide spread grayish discoloration of the skin of hands, feet, abdomen and face simulating "Black Fever". The disease was rampant in adjoining areas along the Ganga and Brahmaputra. The first epidemic of Kala-azar was reported from Assam in 1870 spreading to Bengal and Bihar. Millions of people succumbed to this deadly disease during this epidemic.

Medical Research on Leishmaniasis in India and the Discovery of Urea Stibamine

During 1913-15 Kala-azar was used to be treated with intravenous tartar emetic i.e. Potassium salt of antimony tartrate with significant dose-related toxicity (narrow safety margin with multiple adverse effects on long-term use).

During this time, Atoxyl (sodium salt of para-amino arsenic acid) was discovered by Paul Ehrlich, a German medical Scientist, for the treatment of sleeping sickness caused by protozoa *Trypanosoma*. Greatly motivated by this work, Dr. Brahmachari endeavoured to replace arsenic from Atoxyl with antimony and postulated to administer it in Kala-azar. The reason for this choice he thought that urea in combination with certain drugs reduces the pain on injection.

Dr. Brahmachari continued his research because of limitations of the then existing drugs. At the end of 1919, he received a grant from the Indian Research Fund Association for continuation of his ongoing research. With limited financial and laboratory facilities in a small ill-equipped room in the Campbell Hospital, Dr. Brahmachari worked hard at his level best to achieve something fruitful against Kala-azar. Working under such adverse conditions he ultimately discovered a potent agent against Kala-azar, which he named Urea Stibamine.

Motivated by scientific medical research and with strong background of Chemistry and Mathematics Dr. Brahmachari synthesised several new inorganic antimonials. He started treating patients with powder and colloidal forms of metallic antimony and achieved some success with the later form which was readily taken up by cells of reticulo-endothelial system. Sodium salt of antimony tartrate showed much less cardiac and hepatic toxicity than the previous drugs. In 1920, Dr. Brahmachari developed the first pentavalent stibamine compound, urea stibamine (urea salt of para-amino phenyl stibnic acid) which was much less toxic than its trivalent counterpart. Trivalent Antimony, the active as well as toxic form, exhibits antileishmanial activity and is formed after reduction of pentavalent antimony by acidic pH and slightly elevated temperature inside macrophages as well as leishmanial parasites. However, the ability of reduction by *Leishmania* parasites is stage-specific whether amastigotes or promastigotes.

Urea stibamine emerged as a highly effective therapy against VL in India since 1922, in which year Dr. Brahmachari also discovered a new deadly form of leishmaniasis - Post-kala-azar dermal leishmaniasis, also treatable with the same drug. With its advent, preexisting mortality rate (90%) was revolutionary reversed into cure rate of more than 90% with minimal adverse effects. Millions of people were saved from this deadly disease by the use of Urea stibamine. Since this invention, the colloidal suspension of Urea Stibamine was started to be administered in the form of I.V. infusion throughout India for many years. Though the drug caused an initial havoc, it was gradually replaced by newer congeners of pentavalent antimonials like meglumine-antimoniate and sodium stibogluconate discovered later by utilising this lead compound. Today the incidence of Kala-azar has drastically reduced in India and other parts of the world, persists only in very poor and remote areas.

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Evolution of Cardiothoracic Surgery in NRS Medical College

By Dr Madhusudan Pal

In West Bengal, first Thoracic surgery unit was formed by Dr. Ajit Kumar Basu who was the prof. director of surgery at NRS Medical College during the period 1950-55. His associates were Dr. Godrej Sorabjee Korai and Dr. Manas Roy Chowdhury. Some Thoracic surgery operation done and closed mitral commisurotomy were performed here. Tragic history is death of Dr. Manas Roy Chowdhury who mistakenly performed Broncoscopy without spectacles on a patient of lung abscess and his eyes got contact of pus from lung, while patient coughed. Dr. Roy Chowdhury got pan Ophthalmitis, Septicemia and death. In this way NRS Medical College campus is the first birthplace of cardiothoracic surgery in West Bengal and also the first place of Martyrdom for this discipline.

Historic transfer in 1955 of the whole unit of Dr. A.K Basu and Dr. Korai and OT sister (Nilima Roy) & other few staffs to newly built Institute of Post Graduate Medical Education and Research (IPGMER) led to a temporary gap here in this campus.

2nd phase was started by Prof. Bishnu Pada Chatterjee (Director of Dept of Surgery) in NRS Medical College. Dr. Mriganko Mohan Das joined Professor B.P Chatterjee as Thoracic Surgeon. They were running a general surgery unit and also this separate Cardiothoracic surgery unit under dept of Surgery. Dr. M.M Das was a brilliant Thoracic Surgeon. He had a very good series of closed Mitral commissurotomy in those days. This unit has Dr. Monojit Roy and Dr. Srabani Dasgupta as first batch of House surgeons. Then came Dr. Sadhan Chandra Roy, Dr. Mirnmoyee Roy, Dr. Ganesh Chandra Roy, Dr. Venkatesh, Dr. Binode Singh as house surgeon.

In 1967 Prof B.P Chatterjee went to Sweden. His mentor Dr. Husfeldt donated him Rigg's heartlung machine and one Astrup machine for blood gas analysis. All those machines were placed in newly made laboratory named after Dr. Husfeldt (Husfeldt Laboratory) in First floor of Fraser ward adjacent to OT complex. Ambassador of Sweden came from Delhi to inaugurate this laboratory. In the light of those days this Astrup machine was best. It was first in this country. Dr. S .C Roy is fortunate to be first in India to use that astrup machine for blood gas analysis.

On 3rd January 1972 Prof. B.P Chatterjee retired. After that Dr. M.M Das was transferred to Dept of Surgery, Calcutta Medical College to perform General Surgery only. In September 1972 Dr. S.C Roy and Dr. M. Roy went to UK to get training in Cardiothoracic Surgery (1972- 1975). Dr. S. C Roy, Dr. M.M Islam, Dr. D. Mitra were the first three in first batch of successful M.Ch Post doctorate in Calcutta University in CTVS Dept. After a gap, 3rd phase of CTVS was started by Dr. Saibal Gupta in 1973. Team was of Dr. Pasupati Nath Chatterjee, Dr. Srikumar Sarkar, Dr. Prabodh Saha, Dr. Venkatesh and Dr. Bimalendu Goswami as senior BMS house staff, Dr. Tarun Saha (research officer). Some brilliant achievements of Dr. Saibal Gupta and his team was done during that period

In 1974 first successful operation in India on Tetralogy of Fallot (Total Correction) was done in this institute.

In 1974, preservation of cardiac valve from dead bodies were done and used as homograft in aortic and mitral position. His first case of aortic homograft needed aortic valve replacement after 17 years of follow up for aortic valve calcification. It was also first in India.

In 1975, Studies on hemodynamics and immunological abnormalities in Takayasu's disease and techniques of surgical treatments were evolved. For these Dr. Gupta was invited to UK Royal College of Surgeon for delivery of Hunterian lecture in 1981. First CABG was also in this campus in Eastern India.

Dr. Gupta planned transfer of the unit from Fraser ward (ground floor) to 4th floor of the newly built UN Bramhachari building for a bigger place and converting it into a department.

After transfer of Dr. Gupta to National Medical College, the CTVS unit was transferred to present place (4th Floor UNB).

4th phase – Professor M.M Islam came as HOD and his team included Dr. S.C Roy, Dr. S. Sarkar, Dr. G. Roy, Dr. P Saha, Dr. B. Goswami RMO cum Clinical Tutor, Dr. T Saha (Research officer 1978- 1983). Here this writer started his journey in CTVS as house surgeon in 1982 and stayed as MS student then as acting RMO upto 1989. Dr. Ramanan (H.S) move to Ireland to be Cardiothoracic surgeon there.

In 1983 Dr. B Goswami was transferred to Kalyani Gandhi Memorial Hospital. Dr. Bhabotosh Biswas came here to fill up the vital post of RMO cum Clinical tutor. When Dr. B Biswas was promoted to post of Cardiothoracic surgeon in this department, Dr. Dilip Saha filled up this gap, who subsequently with a small period in Medical College as faculty, passed his whole carrier in NRSMCH.

In short after retirement of Dr. M.M Islam, Prof S. C Roy whose role is very vital in building one cardiac surgery center in Kalyani and also centre outside Government sector, headed the department. Prof. Roy took V.R (Voluntary retirement) and then the department was headed by Prof. Dr. Ganesh Chandra Roy, possibly best lung surgeon after Prof. Godrej Korai in this West Bengal. He is also a versatile surgeon. Dr. M. Roy became HOD then Dr. Ganesh Saha became HOD. In early days when cardiothoracic anesthesia was yet to be born, contributions of Prof Joydev P Kundu in development and successes was very important. He was a brilliant anaesthetist, academician, good spontaneous teacher and successful popular teacher in 1st generation of anaesthetists in west bengal. This is a part of the history of evolution of development of cardiothoracic surgery in NRS Medical College upto about 1990.



Elliot Ward

The Haematology journey was started long back in around 1972. Hematology wing, at N.R.S. Medical College started as a unit under department of medicine to provide the needs of hematology patients. It was commence with a in a single room with a very small space for laboratory. The unit comprised of a faculty (teacher) trained in hematology, who was posted under the department of medicine, along with one technician & a group D staff. The unit in this initial phases was headed by **Dr Sandhya Ghose** (1972-1974), **Dr Manju Dutta Chaudhuri** (1974 - 1980) and **Dr Madan Mohan Rakshit** (1980 -1990) sequentially. A total of ten beds and two house physicians were allotted from the department of medicine to the unit. The activities included-outpatient clinic-twice in a week, indoor admission and attending referred cases. Basic instruments were scanty - 1-2 monocular microscopes, a water bath, few wintrobe and westergren tubes, couple of centrifuge machines, few bone-marrow aspiration needles. The faculty in-charge of the unit had to work overtime single handedly to provide adequate hematology services as well as teaching students.

After about a decade, the unit was provided additional space, better ward facilities and some additional essential items. In spite of repeated efforts nothing substantial was achieved. Begining of a new era **Dr. Malay Kumar Ghosh** (June 1990 – February 2013) joined the department in mid-nineties, he was fortunate enough to visit few established hematology setups in the country. He got inspired & could realize that to sustain in this specialty, it needs to transform the existing set-up into a comprehensive hematology department, outside the prevailing domain of medicine. Dr Ghosh was a post-graduate in medicine with exclusive hematology training under Prof. Sandhya Ghosh besides training in general medicine. He was also fortunate enough to be posted as a clinical tutor in the prestigious hematology department of Calcutta School of Tropical Medicine (first time in the history of hematology in West-Bengal). Bolstering of the department by younger generation **Dr. Maitreyee Bhattacharya**, was headed the department from February 2013 to August 2014, joined as a clinical tutor in late nineties when only a post of clinical tutor was sanctioned by the health department. With her intense involvement, both Dr. Ghosh and Dr. Bhattacharyya embarked upon an intense drive for up progression of the hematology service and academic activities. In the beginning of 2000, it was officially declared an independent department of its own-one dream fulfilled. During this time the hematology department gradually started its journey for induction into the national field. With the initiative of Prof. Ghosh N.R.S. Medical College became the principal centre for ICMR sponsored multicentric - JAY VIGYAN MISSION PROJECT for assessing the most recent status of thalassaemia burden in the country. During this period, the relentless persuasion for the upgradation continued ceaselessly. New posts were created for professor, associate professor, assistant professor & clinical tutors along with nonacademic Senior Residents. D.M. course in Clinical Hematology was permitted to start from 2009 and got recognized in 2012 at the time of the final examination of the first batch. Presently the department has three seats for DM (Clinical Hematology).

Subsequently the department was headed by **Dr Prantar Chakrabarty** (August 2014 –June 2019) followed by **Dr Tuphan Kanti Dolai** from June 2019. Last five years there were a major development in all aspects of Haematology. Four bedded modular Bone Marrow Transplantation unit was started and the department was

doing regular stem cell transplantation since 2009. This center did first autologous and allogeneic stem cell transplantation in Eastern part of India and first center under the state Government Hospital in India. Still now more than 80 stem cell transplantation was done. Presently the haematology department had 88 bed to serve the people of west Bengal and one of the largest Haematology center of India.

In year 2022, Haematology Department, NRS Medical College, Kolkata, received the permission letter from National Medical Commission to start the DM Haematopathology course in the current academic year 2022 to 2023. This is the first Department in this country received the permission to start the course of DM Haematopathology under NMC. Presently the department has Molecular Laboratory, Coagulation Laboratory, Haemostasis Laboratory, Haemolytic Laboratory and other advance technique. Today the haematology department of N.R.S Medical College has made position in the haematology map of India as well as In the World.

Reference :

Haematology Department in India 2013 published in Haematocon 2013 written by Dr Maitreyee Bhattacharyya.



Front of Outdoor Departments



২৫ জুলাই ১৯৭৮। চিকিৎসা বিজ্ঞানের ইতিহাসে এক স্বর্ণোজ্জ্বল দিন। পৃথিবীর প্রথম নলজাতক শিশু লুইস ব্রাউনের জন্ম হয় সেদিন। ইংল্যান্ডের ওল্ডহ্যাম শহরে ফিজিওলজিস্ট আর. জি. এডওয়ার্ড এবং গাইনোকলজিস্ট প্যাট্রিক স্পেপটো পরীক্ষাগারে ডিম্বাণু ও শুক্রাণুর মিলন ঘটিয়ে সেই জ্ঞপকে জরায়ুর মধ্যে প্রতিস্থাপিত করেন। In vitro Fertilisation and Embryo Transfer বা সংক্ষেপে I.V.F-E.T. এই পদ্ধতি অবলম্বনের মাধ্যমে অনূর্বর মা সর্বপ্রথম সন্তান লাভ করে। মিসেস ব্রাউনের ডিম্বসঞ্চালন নালীর রোগ ছিল। তাঁর ডিম্বাশয় থেকে ডিম্বনালী অর্থাৎ ফ্যালোপিয়ান টিউবে ডিম্বাণু সঞ্চালন প্রক্রিয়া বাধাপ্রাপ্ত হত। তাই এই প্রক্রিয়া ছাড়া তাঁর মাতৃত্ব অর্জন করা সম্ভব ছিল না। শুধু ডিম্বনালীর রোগ বা তার প্রতিবন্ধকতাই কেন—যাদের শুক্রাণুর পরিমাণ কম, যাদের এণ্ডোমেট্রিয়োসিস রোগ রয়েছে, যাদের গর্ভধারণ না হওয়ার কোন কারণ খুঁজে পাওয়া যায় না এসব ক্ষেত্রেও এই পদ্ধতিতে গর্ভধারণ সম্ভব। একেই বলে Assisted Reproductive Technique বা ART। ১৯৭৮ সাল থেকেই অনেকগুলি ART পদ্ধতি চালু ছিল। সেগুলি হল GIFT (Gamete Intrafallopian Transfer), ICSI (Intracytoplasmic Sperm Injection) ইত্যাদি। এটা পরিষ্কার যে ঐ ART-এর পদ্ধতিগুলি কিন্তু অনূর্বরতার চিকিৎসা নয়। ওগুলি হল বিশেষ পদ্ধতি অবলম্বনে বিশেষ সমস্যার

সমাধান। ART-এর কল্যাণে এখন বহু অনূর্বর স্ত্রী গর্ভধারণ করতে পারে যা তিন দশক আগে কিছুতেই সম্ভব হত না। মেডিকেল ইঞ্জিনিয়ারিং-এর প্রভুত উন্নতির জন্য এবং পদ্ধতিগত দক্ষতার জন্য বর্তমানে প্রায় 60-70 শতাংশ ক্ষেত্রে সাফল্য সম্ভব যদিও এই পদ্ধতিতে চেষ্টার জন্য খরচ এখনো খুব বেশি। প্রতিবার চেষ্টার জন্য খরচ প্রায় দেড় লক্ষ টাকা।

ভারতবর্ষও ঐ বৈজ্ঞানিক পদ্ধতিগত উন্নতির দিক থেকে খুব বেশি পিছিয়ে থাকেনি। পৃথিবীর প্রথম নলজাতক ইংল্যান্ডে জন্মানোর মাত্র ৬৯ দিন পরেই কলকাতার ফিজিওলজির বিশিষ্ট অধ্যাপক ডাঃ সুভাষ মুখোপাধ্যায়-এর নেতৃত্বে ক্রায়োবায়োলজিস্ট ডঃ সুনিত মুখোপাধ্যায় এবং স্ত্রীরোগ বিশেষজ্ঞ অধ্যাপক ডাঃ সরোজ ভট্টাচার্য্য ৩রা অক্টোবর ১৯৭৮-এ ঘোষণা করেন ভারতবর্ষে প্রথম টেস্ট টেউব বেবী দুর্গা ওরফে কানুপ্রিয়ার জন্মের কথা। ঝকঝকে মেধার এই মেয়ে আজ দিল্লিতে এক ঝাঁক চকচকে আন্তর্জাতিক সংস্থার মার্কেটিং এক্সিকিউটিভ।

শিশির ভেজা শারদ সকাল। ঘন নীল আকাশ। স্নিগ্ধ, আলো ঝলমল দিন। এমনদিনে সকাল ১১.৪৪ মিনিটে দুর্গার জন্ম হয় দক্ষিণ কলকাতার বেলভিউ নার্সিংহোমে। সারা ভারতবর্ষে প্রজনন বিশেষজ্ঞ চিকিৎসা বৈজ্ঞানিকদের চমকে দিয়েছিল অধ্যাপক সুভাষ মুখোপাধ্যায়ের এই আবিষ্কার। ডাঃ মুখোপাধ্যায় নিজেও অপারেশন থিয়েটারে দুর্গার মুখ দেখে তার তুলতুলে দেহ দেখে যার পর নাই আবেগ প্রবণ হয়ে ওঠেন। গভীর স্নেহমাখা হাতের পরশে বারেবারে শিশু দুর্গাকে বরণ করেছিলেন। শহরের শীর্ষ সংবাদপত্রের শিরোনামে এ খবর পড়ে আমরাও শিহরিত হয়েছিলাম। আর বিয়ের ১৬ বছর পর সন্তান লাভ করে বেলা এবং প্রভাত আগরওয়ালের বুক ভরে উঠেছিল।

কিন্তু না। এই আবাহনের পরে পরেই ডাঃ মুখোপাধ্যায়ের জীবনে বিসর্জনের ঘণ্টা বাজতে খুব বেশি দেরি হয়নি। ডাঃ সুভাষ মুখার্জীর ঐ সব কাজের পর্যাণ্ড বৈজ্ঞানিক তথ্য প্রমাণ ছিল না। ডাঃ মুখার্জীর কাজ কলকাতা চিকিৎসা বৈজ্ঞানিক মহল গ্রহণ করলেন না। এ ঘটনার অব্যবহিত পরে যা ঘটল তা অত্যন্ত বেদনা দায়ক।

১৮ নভেম্বর ১৯৭৮ ইন্ডিয়ান মেডিকেল অ্যাসোসিয়েশন এবং দি বেঙ্গল অবস্ট্রিকস অ্যান্ড গাইনোকলজিক্যাল সোসাইটির পক্ষ থেকে ডাঃ সুভাষ মুখার্জী এবং তাঁর সহযোগীদের আমন্ত্রণ জানানো হয় তাদের কাজ সম্পর্কে একটি বক্তৃতা দিতে। উদ্যোক্তাদের কাছ থেকে ডাঃ মুখার্জী দু-ঘণ্টা সময় চেয়েছিলেন তাঁর সম্পূর্ণ কাজের বিবরণ উপস্থাপনের জন্য। দু-ঘণ্টার পরিবর্তে ডাঃ সুভাষ মুখার্জী ও তাঁর দুই সহযোগীকে একত্রে দেওয়া হয় মাত্র আধ ঘণ্টা সময়।

চিওরঞ্জন ক্যানসার হাসপাতালের বড় লেকচার হল। অডিটোরিয়ামে তিল ধারণের স্থান হয়ত ছিল। কিন্তু মানুষ ধারণের স্থান ছিল না। কলকাতার বহু বিশিষ্ট ও স্বনামধন্য ডাক্তার, হাউস সার্জেন, নার্স, সাংবাদিক, ফটোগ্রাফার ঘর ভর্তি। ছিলাম আমিও। সেদিনের সব ঘটনার প্রত্যক্ষদর্শী আমি। ডাঃ মুখার্জী বক্তৃতা দিচ্ছিলেন কি পদ্ধতিতে ডিম্বাণু সংগ্রহ করে, কি পদ্ধতিতে শুক্রাণুর সঙ্গে ডিম্বাণুর মিলন ঘটিয়ে, কি পদ্ধতিতে নিষিক্ত ডিম্বাণু জরায়ুর মধ্যে প্রতিস্থাপিত করেছেন। বিখ্যাত ক্রায়োবায়োলজিস্ট ডঃ সুনিত মুখার্জী দেখাচ্ছিলেন কি করে শুক্রাণু ও ডিম্বাণু সংগ্রহ করে ক্রায়ো পদ্ধতিতে রেখেছিলেন। কি করে তার মিলন ঘটানো হয়েছিল। স্ত্রীরোগ বিশেষজ্ঞ ডাঃ সরোজ ভট্টাচার্য্যও ঐ অডিটোরিয়ামের এক কোনে চুপ করে বসেছিলেন। আশঙ্কা ছিল অনভিপ্রেত আক্রমণের। তাই সদা প্রফুল্ল লোক ভয়ে জবুথবু হয়েছিলেন। কলকাতার চিকিৎসক সমাজ একে একে প্রশ্নবাণে ডাঃ সুভাষ মুখার্জীকে জর্জরিত করল। ব্যঙ্গ, বিদ্রূপ, টিকা-টিপ্পনী, হাসি-ঠাট্টায় জর্জরিত হলেন অধ্যাপক মুখার্জী। তিনি কোন প্রশ্নের উত্তর দিতে না দিতেই ঝাঁকে ঝাঁকে পাল্টা প্রশ্ন হেনে তাঁকে ছিঁড়ে ছিঁড়ে খাওয়ার মত অবস্থা করেছিল সেদিন। অনেকে তাঁকে মস্তবড় ক্লাউন বলেও বিদ্রূপ করতে ছাড়েন নি। কেউ আবার নোংরা ভাষা ‘bastard’ বলে সম্বোধন করতেও ছাড়েন নি। এখনকার অনেক স্বনামধন্য স্ত্রীরোগ বিশেষজ্ঞ ঐ হলে উপস্থিত ছিলেন। না কেউ ডাঃ মুখার্জীকে সাহায্য করার জন্য এগিয়ে আসেন নি। ডাঃ মুখার্জীর সমর্থনে একটি কথাও খরচ করেন নি কেউ। এতটুকু সমবেদনাও প্রকাশ করেন নি তাঁর এই দুঃসময়ে। বরং কয়েকজন বর্ষীয়ান স্ত্রীরোগ বিশেষজ্ঞ অন্যদের বলছিলেন-“তুমি কিন্তু এর মধ্যে থেকো না। তুমি কোন কমেণ্ট করো না। চুপ করে থাকো। তা না হলে তোমারও বদনাম হবে।” আশ্চর্য। এদের অনেকেই কিন্তু আজ ডাঃ মুখার্জীর ঐ কাজ সমর্থন করেছেন। তাঁদের বৈজ্ঞানিক প্রবন্ধে লিখেছেনও সেকথা। চিকিৎসা বিজ্ঞান জগৎ কত নির্মম। একজন মহান চিকিৎসকের বছর বছর ধরে নিরলস পরিশ্রমের মর্যাদা দেওয়া তো দূরের কথা তাঁকে মানসিক কষ্ট দিয়ে কুরে কুরে খেয়েছে এসব ডাক্তারদের কাঁকড়ার মত জীবন দর্শন। সেই তো ডাঃ মুখার্জীর পদ্ধতি অবলম্বন করেই আরো আধুনিক পরিকাঠামো সম্বলিত পরীক্ষাগারে শয়ে শয়ে টেস্ট টিউব বেবীর জন্ম হল কলকাতার এবং ভারতবর্ষের নানা কেন্দ্রে, নানা হাসপাতালে।

এতো গেল চিকিৎসক বন্ধু মহলের কথা। কিন্তু সরকারী মহল। তারাও কিছু কম যায় না। কলকাতার বড় বড় সংবাদপত্রে এ খবর প্রকাশিত হতে না হতেই তদানিন্তন সরকারী আমলারাও খড়া হস্ত হলেন বিষয়টি সঠিক অনুসন্ধান না করেই। তাঁকে তাড়িয়ে দাও তাড়িয়ে দাও রব উঠল। এমনকি জাপানের কিয়োটো বিশ্ববিদ্যালয় চেয়েছিল সুভাষকে খরচা দিয়ে নিয়ে যেতে। বিজ্ঞান কংগ্রেসে বক্তৃতা দিতে। সরকারী আমলারা সেই অনুমতি দিলেন না।

নীলরতন সরকার মেডিকেল কলেজে ১৯৬৭-১৯৭৬ পর্যন্ত কর্মরত ও গবেষণারত ছিলেন ডাঃ সুভাষ মুখোপাধ্যায়। তারপরে কলকাতার বাইরে বাঁকুড়া মেডিকেল কলেজে ট্রান্সফার হয়েছিলেন। সেখানে সঠিক পরিকাঠামোর অভাবে মনঃকষ্ট ছিল। এ ঘটনার পর নিদারুণ মানসিক যন্ত্রণা নিয়ে কোন রকমে বেঁচে রইলেন আমাদের শারীর তত্ত্ব বিভাগের অধ্যাপক স্যার। আমাদের নীলরতন সরকার মেডিকেল কলেজের স্টুডেন্টস হোস্টেলের সুপারিনটেনডেন্ট স্যার। নিঃসন্তান দম্পতি। স্ত্রী নমিতা মুখোপাধ্যায় স্কুলের ইতিহাসের শিক্ষিকা। মাঝে মধ্যেই আমাদের ছাত্রাবাসের মাসকাবারী ‘ফিস্ট’-এ আসতেন সস্ত্রীক। আগ্রহ ছিল গবেষণা চালিয়ে যাওয়ার। সরকারী আমলাদের দ্বারে দ্বারে ঘুরেও ছুটোছুটি করে আর, জি. কর মেডিকেল কলেজে ট্রান্সফার পেয়েছিলেন।

৫ জুন ১৯৮১। অধ্যাপক মুখার্জী আবার বদলি হলেন কলকাতা মেডিকেল কলেজের চক্ষু বিভাগে। মৃত্যুর ৪৪ দিন আগে। এ হেন অনভিপ্রেত ট্রান্সফার পত্র দেখে অধ্যাপকের চক্ষু চড়ক গাছ। দু’চোখের কোণে জল। এর থেকে নিষ্ঠুর পরিহাস আর কি হতে পারে? আর, জি. কর, মেডিকেল কলেজের শারীরতত্ত্ব বিভাগের দোতলায় হেঁটে উঠতে কষ্ট ছিল বলে বিস্তর অভিযোগ ছিল। ১৯৮০ সালে মাত্র ঊনপঞ্চাশ বছরে হার্ট অ্যাটাক হয়েছিল। ট্রান্সফার হলেন মেডিকেল কলেজের এক লিফ্টহীন বাড়ীর চারতলার চক্ষু বিভাগে। পদোন্নতিই বটে।

১৯ জুন, ১৯৮১ সাল। বর্হিপ্রকৃতি গ্রীষ্মের প্রচণ্ড দাবদাহে ঝলসে যাচ্ছিল। ডাঃ মুখোপাধ্যায়ের মানসিক যন্ত্রণার পারদও চড়চড় করে উঠে সর্বশেষ দাগে পৌঁছে দিয়েছিল। 107 সাদার্ন এভিনিউর ছ তলার এক রুমের ছোট ফ্ল্যাট (ফ্ল্যাট 5 C) অত্যন্ত অস্থির হয়ে উপরে সিলিং-এর হুকের দিকে বার কয়েক তাকালেন। আবার পায়চারি করতে করতে জানালা দিয়ে খোলা আকাশটা দেখলেন। ছোট্ট ফ্ল্যাটের এই খোলা জানালা দিয়ে কতবার রাতের অন্ধকারে নক্ষত্রখচিত আকাশের দিকে তাকিয়ে থেকেছেন তিনি। স্যার মানসিক ভারসাম্য আর বজায় রাখতে পারেন নি। ঐ হুকে ফাঁস লাগিয়ে নিজেকে নিঃশেষ করলেন। নিজের জীবন দিলেন এক বৈজ্ঞানিক যিনি সৃষ্টির নেশায় আজীবন মগ্ন ছিলেন। নিজে নিঃসন্তান ছিলেন বলে অনুর্বর দম্পতির মুশকিল আসানের জন্য যিনি জীবনভর নিরলস চেষ্টা চালিয়ে গেছেন। তিনি জীবন দিয়েই নিজেকে শাস্তি দিলেন। মাত্র ৫০ বছর বয়সে অমন সম্ভাবনাময় জীবন নিঃশেষ হল (১৬.১.৩১ - ১৯.৬.৮১)।

তাঁর বিছানায় পড়ে রইল খাপ খোলা তাঁর পাইলট কলম আর এক খন্ড কাগজ যাতে বাংলায় লেখা -

“আমি হার্ট অ্যাটাক এ মৃত্যুর জন্য প্রতিদিন অপেক্ষা করতে পারি না” — সুভাষ মুখার্জী (১৯.৬.৮১)

ঘটনাপ্রবাহ:

১৮ নভেম্বর ১৯৭৮ প. বঙ্গ সরকারের অনুসন্ধান কমিটি দুর্গা জন্মের মাত্র ৪৫ দিন বাদে ঘোষণা করলেন যে ডাঃ মুখার্জীর কাজ বিশ্বাস যোগ্য নয়। (কখনো কখনো কত দ্রুত এসব সরকারী কাজ হয়।)

২৮ ডিসেম্বর ১৯৭৮, DHS থেকে ফতোয়া জারি হ'ল যে বিনা অনুমতিতে কোন কনফারেন্সে যোগদান করতে পারবেন না ডাঃ মুখার্জী।

সরকার তাঁকে অনুমতি পত্র এবং ভিসা প্রদান করলেন না কিয়োটো জাপানের বিজ্ঞান কংগ্রেস ১৯৭৯ সালের জানুয়ারীতে তাঁর কাজ সম্বন্ধে বক্তৃতা দিতে।

৬ আগস্ট ১৯৮৬ সালে মুম্বাই - এর জি এস মেডিকেল কলেজ ও KEM হাসপাতালের স্ত্রী রোগ বিশেষজ্ঞ ডাঃ ইন্দিরা হিন্দুজা ও ডাঃ টি সি আনন্দকুমার ভ্রতবর্ষে বৈজ্ঞানিক তথ্য প্রমাণ সম্বলিত প্রথম নলজাতক শিশুর জন্মের কথা ঘোষণা করেন। ডাঃ টি. সি. আনন্দকুমার ICMR এবং IRR মুম্বাই এর প্রাক্তন ডাইরেক্টর এবং ভারতবর্ষের একজন নামকরা প্রজনন বায়োলজিস্ট।

এরপর হুগলী নদী দিয়ে অনেক জল বয়ে গেছে।

৮ ফেব্রুয়ারি ১৯৯৭ সাল। ডাঃ সুভাষ মুখার্জীর মৃত্যুর ১৬ বছর পর। ডাঃ অনন্দকুমারকে কলকাতায় আমন্ত্রণ জানানো হয় কলকাতার Science City তে 3rd National Congress of ART এ “ডাঃ সুভাষ মুখার্জী মেমোরিয়াল Oration” এ বক্তৃতা দিতে। ওই সময়ে সুভাষের অন্তরঙ্গ বন্ধু ও সহযোগী Cryobiologist ডঃ সুনিত মুখার্জী ডঃ আনন্দকুমার এর সঙ্গে দেখা করে সুভাষের নল - জাতক সংক্রান্ত সমস্ত লেখা তথ্য ও ডায়েরি দেখবার জন্য দিয়ে আসেন।

ঐ সময়ে তিনি ডাঃ সুভাষ মুখার্জীর প্রকাশিত ও অপ্রকাশিত গবেষণা পত্রগুলি, তাঁর ডাইরি ও টিকা সমস্ত খুঁটিয়ে পরীক্ষা করে এই সিদ্ধান্তে উপনিত হন যে তিনি নন, ডাঃ সুভাষ মুখার্জীই হলেন ভারতবর্ষের নলজাতক সৃষ্টির প্রথম কারিগর। একথা তিনি প্রকাশ্যে ডাক্তারদের সভায় স্পষ্ট করে বলেছেন। এভাবেই তিনি ভারতে প্রথম নলজাতক স্রষ্টার সম্মানের রাজমুকুট নিজের মাথা থেকে খুলে ডাঃ সুভাষ মুখার্জীর মাথায় পরিয়ে দিয়ে এ দেশে এক বিরাট মহানুভবতার পরিচয় দিয়ে গেছেন।

১৯৯৭ সালে তিনি বৈজ্ঞানিক তথ্য সমৃদ্ধ একটি গবেষণা পত্র “Architect of India’s First Test Tube Baby – Dr. Subhas Mukherjee” প্রকাশিত করেন Current Science পত্রিকায়। তিনি উল্লেখ করেন যে সুভাষ প্রদর্শিত পথ অবলম্বন করেই তিনি সার্থকতা লাভ করেছেন। সারা পৃথিবীর নল-জাতক বিশেষজ্ঞ চিকিৎসকেরা এই পদ্ধতিতে চিকিৎসা করে বেশি সার্থকতা লাভ করেছেন। প্রথম টেস্ট টিউব বেবির স্রষ্টার পদ্ধতি আর কেউই অবলম্বন করেন না।

২০০২ সাল। ডাঃ মুখার্জীর মৃত্যুর ২১ বছর পর। ডাঃ আনন্দ কুমার ICMR কে বোঝাতে সক্ষম হন। ICMR মেনে নেয় যে সুভাষ মুখার্জী ই ভারতবর্ষের প্রথম নল জাতক স্রষ্টা। ICMR এটা উল্লেখ করে যে “Prophets are not honoured in their own country and that seems to be true in the case of late Dr. Subhas Mukherjee and his team.”

তাই ভারত সরকার ও সুভাষের এই আবিষ্কার এর বিষয় টি মেনে নেয়। প্রিয় বন্ধু ডাঃ সুভাষের মর্মান্তিক মৃত্যুর পর ডঃ সুনিত মুখার্জী নিরলস চেষ্টা চালিয়ে গেছেন তাঁদের পদ্ধতি যে সঠিক ছিল তা প্রমাণ করার। অবশেষে মহান মানুষ ডাঃ আনন্দ কুমারের সাহায্যে এটা প্রমানিত হল। ডঃ সুনিত মুখার্জী এবং ডাঃ আনন্দ কুমার না থাকলে হয়তো ডাঃ সুভাষ মুখার্জীর এই সাফল্যের ইতিহাস প্রমানিতই হত না। ভাবতে খুব কষ্ট হয় যে চিরকাল স্যার একজন ফ্রড সায়েন্টিস্ট হিসেবে বিস্মৃতির অন্ধকারে ডুবে থাকতেন।

১৬ জানুয়ারি ২০০৩ সুভাষের মৃত্যুর ২২ বছর পর। বিড়লা একাডেমি অফ আর্ট এন্ড কালচার সভাগৃহ। সুভাষ মুখার্জী মেমোরিয়াল স্মারক বক্তৃতা দিতে এসে ডাঃ আনন্দকুমার পশ্চিমবঙ্গ সরকারের মাননীয় স্বাস্থ্য মন্ত্রী সূর্য কান্ত মিশ্রকে বোঝাতে পারেন যে সুভাষ এর আবিষ্কার সম্পূর্ণ সত্য। রাজ্য সরকার বিষয়টির সত্যতা মেনে নেয়। আসলে রাজ্য সরকার নির্বাচিত ছয় সদস্যের অনুসন্ধান কমিটির সদস্যদের জ্ঞানের পরিধি ততটা ছিল যে সুভাষের কাজ সমন্ধে মূল্যায়ন করেন। কারণ সুভাষ এই বিষয়ে তাঁর সময়ের থেকে অনেক অনেক বেশি এগিয়ে ছিলেন। রাজ্য সরকার অনুধাবন করতে পারেন যে ভুল বুঝে সুভাষের উপর অনেক অবিচার করা হয়েছে। অনেক নির্মম আচরণ করা হয়েছে। যার জন্য সুভাষ মানসিক ভাবে অনেক ক্ষতবিক্ষত হয়েছেন এবং আত্মহত্যার পথ বেছে নিয়েছেন।

১৯ জুন ২০০৬ সালে প. ব. সরকার নীলরতন সরকার মেডিকেল কলেজের অ্যাকাডেমি বিল্ডিং-এর প্রবেশদ্বারের বাঁ দিকে একটি স্মারক প্রস্তরফলক লাগানোর কর্মসূচী নেয়। সেই স্মৃতিফলক লাগানোর অনুষ্ঠানের উদ্বোধন করেন প. ব. সরকারের মাননীয় স্বাস্থ্যমন্ত্রী ডাঃ সূর্যকান্ত মিশ্র। এই অনুষ্ঠানে উপস্থিত ছিলেন ভারতের প্রখ্যাত প্রজনন বিশেষজ্ঞ চিকিৎসক এবং মহান ব্যক্তিত্ব ডা. টি সি আনন্দকুমার। সেই স্মৃতিফলকে অত্যন্ত গুরুত্বপূর্ণ যে কথাগুলি খোদিত আছে তা হল : Salient Achievements of Dr. Mukherjee as revealed by Dr. T. C. Anand Kumar Former Director IRR (ICMR).

First to use gonadotrophin for ovarian stimulation of IVF.

First to use transvaginal approach for ovum pick up.

First to cryop reserve human embryos.

First to transfer embryo in a subsequent untreated cycle.

ওই প্রস্তর ফলক পড়ে সর্বসাধারণ মানুষ জানতে পারবেন যে অধ্যাপক সুভাষ মুখার্জী ৩ অক্টোবর ১৯৭৮ কত বড় যুগান্তকারী ও বিস্ময়কর আবিষ্কার করেছেন আমাদের এই প্রিয় কলকাতা শহরে এবং কতবড় চিকিৎসা বিজ্ঞানী ছিলেন। প্রসঙ্গত ১৯৬৭ থেকে ১৯৭৬ সাল পর্যন্ত নীলরতন সরকার মেডিক্যাল কলেজে ফিজিওলজি বিভাগে কর্মরত ও গবেষনামত ছিলেন তিনি। সেই ঘটনার কথা মনে রেখে এই স্মৃতি ফলক কালজয়ী বৈজ্ঞানিক সৃষ্টি ভারতের প্রথম টেস্ট টিউব বেবির সৃষ্টিকর্তার সাক্ষী বহন করে চলবে।

অধ্যাপক ডঃ সুনিত মুখার্জীর সঙ্গে আমার ঘনিষ্ঠ যোগাযোগ ছিল। সেপ্টেম্বর ২০১৩ সালে ডঃ সুনিত মুখার্জী আমাকে ফোন করে জানান যে ডাঃ সুভাষ মুখার্জীর স্ত্রী মিসেস নমিতা মুখার্জী খুবই অসুস্থ এবং শয্যাশায়ী। খুব অর্থনৈতিক কষ্টের মধ্যে রয়েছেন। ১৭.৯.২০১৩ তারিখে আমরা The Bengal Obstetric and Gynaecological Society র পক্ষ থেকে ডাঃ সুভাষ মুখার্জীর সাদার্ন এভিনিউর ফ্ল্যাটে যাই এবং এক লক্ষ টাকার চেক দিই। ডঃ সুনিত মুখার্জী আমাদের সুভাষ মুখার্জীর টেস্ট টিউব বেবি সংক্রান্ত সব কাগজপত্র, ডায়েরি ইত্যাদি খুঁটিয়ে খুঁটিয়ে দেখান যেগুলোর কপি তিনি ১৯. ১০. ১৯৭৮ সালে পশ্চিমবঙ্গ সরকারের স্বাস্থ্য বিভাগে জমা দিয়েছিলেন। ২১. ৯. ২০১৩ তারিখ থেকে The Bengal Obstetric and Gynaecological Society প্রতি বছর “ডাঃ সুভাষ মুখার্জী মেমোরিয়াল লেকচার” শুরু করে। প্রথম বার গ্র্যান্ড হোটেলের বল রুমে ঐ অনুষ্ঠান হয়।

৩. ১০. ২০১৬। ভারতের প্রথম নল- জাতক দুর্গার ৩৮ তম জন্মদিন পালন অনুষ্ঠানে BOGS কে নিমন্ত্রণ করে ছিলেন ডঃ সুনিত মুখার্জী। আমি তখন BOGS এর সেক্রেটারি হিসেবে উপস্থিত ছিলাম রামকৃষ্ণমিশন ইনস্টিটিউট অফ কালচার, গোলপার্ক এ। একান্ত আলাপচারিতায় ডঃ মুখার্জী আমাকে বলেন যে সুভাষ মুখার্জীর নল-জাতক সংক্রান্ত সব কাগজ পত্র, তথ্য, ডাইরি ইত্যাদি BOGS কে দিতে চান। আর এও বলেন যে আর কতদিন তিনি এই সমস্ত মূল্যবান তথ্য নিজের কাছে রাখবেন? কতদিন ই বা বাঁচবেন?

১৫. ৪. ২০১৯। ডঃ সুনিত মুখার্জী আমাকে ফোন করেন তাঁর অফিসে আসার জন্য এবং আমরা কোন কোন নথি পত্র নিতে চাই তা দেখবার জন্য। কদিন বাদে আমি আর আমাদের BOGS এক বন্ধু মিলে তাঁর অফিস “ডাঃ সুভাষ মুখার্জী মেমোরিয়াল রিপ্ৰোডাক্টিভ বায়োলজি রিসার্চ সেন্টার” ৬২০ ডায়মন্ড হারবোর রোড, কলকাতা-৩৪ এ উপস্থিত হলাম। ডঃ সুনিত মুখার্জী নল-জাতক সংক্রান্ত সমস্ত কাগজ পত্র ও ছবি দেখালেন। সঙ্গে সুভাষের ব্যবহার করা মাইক্রোস্কোপ যা তিনি BOGS কে দিতে চান।

২৫. ৪. ২০১৯ তারিখ ডঃ সুনিত মুখার্জী আমাদের BOGS অফিস ‘প্রতিশ্রুতি’, A/Q-10/3, সেক্টর ফাইভ, সল্টলেকে আসেন। সঙ্গে সব নথিপত্র। আমরা ওসব সাদরে গ্রহণ করি সুভাষ মুখার্জী মেমোরিয়াল সংগ্রহশালা গড়ার জন্য। পরে ডঃ মুখার্জী সুভাষের একটি সুট ও আমাদের মিউজিয়াম এ রাখার জন্য প্রদান করেন। খুব আচার্য হতে হয় এটা জেনে যে অল্প কয়েক মাস পর তিনি পেট ব্যথা নিয়ে জোকা ই এস আই হাসপাতালে ভর্তি হন। পেটে বড় টিউমার হয়েছিল এবং তার থেকে রক্তক্ষরণ যা বন্ধ করা সম্ভব হয়নি কিছুতেই। ৪. ১. ২০ তারিখে তিনি এই ধরাধাম ত্যাগ করেন ৮৯ বছর বয়সে।

আমাদের কাছে এটা বার বার মনে হয় যে তিনি যেন তাঁর প্রিয় বন্ধু সুভাষের জন্য তার এই শেষ কাজ তথ্য হস্তান্তর (Handover) করবার জন্যই এতদিন বেঁচে ছিলেন। পেটে যে অত বড়ো টিউমার ছিল তাও তিনি বুঝতে পারেন নি। বন্ধুর জন্য জীবনভর দায়িত্ব কর্তব্য পালন করতে গিয়ে নিজে বিয়ে করার সময়টুকু পর্যন্ত বের করতে পারেন নি। কিন্তু বন্ধুর নল - জাতক সংক্রান্ত সব তথ্য সময়মত ভাল নির্ভরযোগ্য জায়গায় প্রদান করে তাঁর শেষ কর্তব্য পালন করে গেছেন।

BRIEF LIFE HISTORY

- ❖ Born in January 16, 1931, Hazaribagh, Bihar, Son of a doctor
- ❖ His ancestor was Kritibas Ojha of Fulia in the District of Nadia and who was the author of the famous epic Ramayana.
- ❖ They shifted to Kolkata in Circular Road.
- ❖ He was admitted in Khelat Chandra School.
- ❖ Matriculation in 1945 in 1st division from Bowbazar High School.
- ❖ ISC from Surendranath College
- ❖ BSc (Hons) Presidency College, Kolkata 1950
- ❖ MBBS from Calcutta National Medical College, 1954
- ❖ Received “Hemangini Award” for Standing first in Gynaecology.
- ❖ PhD in Physiology from Calcutta University in 1958. Topic “Biochemical Changes in Normal and Abnormal Pregnancies”

Professional Career

- ❖ Registrar, Dept. of Obstetric & Gynaecology, Calcutta National Medical College
- ❖ Worked in Blood Bank
- ❖ Medical Officer, IPGME & R
- ❖ Lecturer, Physiology, Medical College, Calcutta
- ❖ Lecturer, Experimental Surgery, University college of Medicine, Calcutta
- ❖ Sent to UK by Govt of WB under Colombo Plan to study Endocrine Physiology
- ❖ Worked under Prof John Loraine, MRC unit of Clinical Endocrinology Research Institute, Edinburgh
- ❖ Obtained PhD from Edinburgh University in 1964 on “Some observation on the biological assay of gonadotropic hormones”
- ❖ Developed method for LH estimation using rat model
- ❖ Worked at Edinburgh Royal Infirmary
- ❖ Returned to India 1967
- ❖ Joined NRS Medical College as Lecturer of Physiology, subsequently Reader & Professor
- ❖ Transfer to Bankura Sammilani Medical College in 1976
- ❖ Actively involved in fundamental research

- ❖ Had a ground floor animal lab with rats, rabbits, guinea pigs, monkey at his two-storey house (an unused building in the hospital campus)
- ❖ Proved that hCG originates from decidual cells
- ❖ Worked on effect of stress on PCOS & subfertility, presented in conference in Paris in 1977
- ❖ Worked on role of testosterone in management of female subfertility
- ❖ Member of Expert COmmittee on Clinical Endocrinology of ICMR
- ❖ PI of several ICMR research project
- ❖ July 28, 1978: Louise Brown born in Oldham, UK, IVF-ET by Drs Patrick Steptoe & Robert Edwards
- ❖ 69 days later: October 3, 1978 at 1144 hrs: Durga born in Kolkata, IVF ET by Profs Subhas Mukherjee (Endocrinologist & Physiologist), Sunit Mukherjee (Cryobiologist), Saroj Bhattacharya (Gynaecologist)
- ❖ August 6, 1986 : First official IVF baby in India born in Bombay, Institute of Resaerch in Reproduction, ICMR, by DRs TC Anandakumar & Indira Hinduja

Accomplishments

- ❖ Dr Subhash Mukherjee was a pioner, way ahead of his times
- ❖ He was the first to use hMG to improve success rate (credited to Howard Jones 1996 Hum Reprod)
- ❖ Collected eggs via colpotomy (TV approach widely used, credited to Gleicher 1983 Lancet)
- ❖ Froze the embryo using DMSO, and
- ❖ Transferred the embryo in natural cycle (credited to Trounson 193 Nature)
- ❖ Short research note on embryo freezing published in India J Cryogenics 1979
- ❖ Comprehensive report submitted to DHS, Govt of WB, on Oct 19, 1978 at their behest
- ❖ Invited lecture at Indian Science Congress, Hyderabad, January 1979
- ❖ Presented at 5th International Congress on Hormonal Steroids, New Dwlhi, Nov-Dec 1978
- ❖ Invited lectures at BHU & Gauhati Medical College

The Accolades

- ❖ Indian Cryogenics Council started the annual "Dr Subhas Mukherjee Memorial Oration" in 1982
- ❖ Dr. Subhas Mukherjee Memorial Reproductive Biology Research Centre established in 1985
- ❖ In 1991 a film "Ek Doctor Ki Maut" by Tapan Sinha released, base on Dr. Subhash Mukherjee's life
- ❖ In 1997, Dr TC Ananda Kumar, formeer Director, Inst of Research in Reproduction, ICMR, invited to delivery "Dr Subhas Mukherjee Memorial Oration" at the 3rd National Congress of ART at Kolkata
- ❖ Dr Ananda Kumar, after examining the published and unpublished papers, diaries and notes of Dr Subhas Mukherjee, was convinced and declared publicly that Dr Subhash Mukherjee was the architect of Inia's first test tube baby
- ❖ He published a paper titled "Architect of India's First Test Tube Baby-Dr Subhash Mukherjee" in Current Science 1997
- ❖ Dr Ananda Kumar convinced ICMR to acknowledge and record Dr Mukherjee's contribution in "National Guidelines in Accreditation, Supervision & Regulation of ART Clinics in India in 2002
- ❖ ICMR mentioned "It is said that Prophets are not honoured in their own country and that seems to be true in the case of (late) Dr Subhash Mukherjee and his team"
- ❖ At a memorial oration in Kolkata in 2003, Dr Ananda Kumar convinced the state health minister
- ❖ Govt of West Bengal installed a plaque in the memory of Dr Subhash Mukherjee at NRS Medical College, Kolkata, in 2006
- ❖ Govt of WB established the "Subhash Mukherjee Insitute of Reproductive Science" at NRS Medical College in February 2011
- ❖ Dr Mukherjee was awarded posthumous DSc by the Indian Statistical Institute in 2011

- ❖ Dr Subhash Mukherjee's life and contributions were recorded internationally in 2007 in the "Dictionary of Medical Biography" which features 1099 doctors from about 100 countries spanning 2500 years who made outstanding contribution to medical science. From Kolkata, Ronald Ross & UN Brahmachari feature there as well
- ❖ In 2007, Brazilian Medical Society felicitated Dr Subhas Mukherjee phsthumously
- ❖ On 21st September, 2013, The Bengal Obstetric & Gynaecological Society started "Dr Subhas Mukherjee Memorial Lecuture" which is now an annual ritual in the BOGS Calender.
- ❖ In 2013, Mrs Namita Mukherjee is bedbound and probably lives on the hope to see her departed husband get a national award
- ❖ Prof Sunit Mukherjee carries on his fight for justice and recognition for his lost colleague and friend, a scientist born at the wrong time in a wrong country
- ❖ Dr Subhash Mukherjee, Rest in Piece, and sincere apologies from all of us, we were too ignorant to understand you.



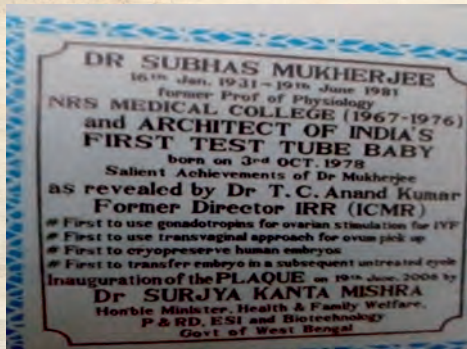
Dr. Baidyanath Chakravarty
2nd Aug 1928 to 15 April 2022



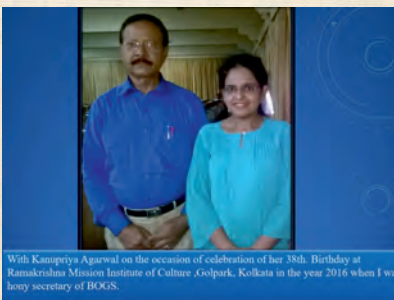
With prof. Dr. Sunit Mukherjee in his office



DR. T.C. ANAND KUMAR
jan 18, 1936-jan 26, 2010



on 1st October 2021, With Durga (Kanupriya Agarwal) by the side of Dr. Subhas Mukherjee's residential quarter at NRS Medical College -Boy's hostel.



With Kanupriya Agarwal on the occasion of celebration of her 38th Birthday at Ramakrishna Mission Institute of Culture, Golpark, Kolkata in the year 2016 when I was honary secretary of BOGS.



তার ৩৪তম জন্মদিনে কানুপ্রিয়া আগরওয়াল, তার বাবা, ডঃ সুনিত মুখার্জী ও রামকৃষ্ণ ইনস্টিটিউট অফ কালচার এর মহারাজ

Name of Winners of Prizes, Certificate of Honors, Scholarships of Different Disciplines of 2021 to be Published in 2022



NAME	BATCH	AWARD
RUP SINHABABU	2020-21	: Awarded Gold Medal in Anatomy in the year 2022
DIYA DAS	2020-21	: Awarded Gold Medal in Physiology in the year 2022
SHUVOJYOTIRAKSHIT	2020-21	: Awarded Gold Medal in Biochemistry in the year 2022 2019-20Awarded Gold Medal in Pathology in the year 2022
SUBHADIP SANTRA	2019-20	: Awarded Gold Medal in Pharmacology in the year 2022
	2019-20	: Awarded Gold Medal in Microbiology in the year 2022
ANKITA CHAKRABARTI	2018-19	: Awarded Gold Medal in Ophthalmology in the year 2022
SUPRIYO PODDER		: 2018-19Awarded Gold Medal in Community Medicine in the year 2022
	2017-18	: Awarded Gold Medal in G & O in the year 2022
SOUMYAJIT NANDI	2017-18	: Awarded Class Assitanship in General Medicine in the year 2022
KREETI SHUBH	2017-18	: Awarded Gold Medal in General Surgery in the year 2022
NO CANDIDATE IS RECOMMENDED	2017-18	: Awarded Gold Medal in Paediatrics in the year 2022
ANKUR DE	2020-21	: Awarded First Certificate of Honours in Physiology in the year 2022
MEHETAB ALAM MOLLA	2020-21	: Awarded First Certificate of Honours in Biochemistry in the year 2022
SOUSTHAB BHAKTA		: 2019-20Awarded Senior Class Assistant in Microbiology in the year 2022
SUCHISBHRA ROY	2019-20	: Awarded junior Class Assistant in Microbiology in the year 2022
MEHETAB ALAM MOLLA	2020-21	: Awarded Senior Class Assistant in Biochemistry in the year 2022
PARAMITA BASSAK	2019-20	: Awarded Senior Class Assistant in Pharmacology in the year 2022
DEBBANI PATRA	2019-20	: Awarded Junior Class Assistant in Pharmacology in the year 2022
SAYAN MONDA	2018-19	: Awarded Senior Class Assistant in Ophthalmology in the year 2022

NAME	BATCH	AWARD
KISHALOY CHAKRABORTY	2018-19	: Awarded Junior Class Assistant in Ophthalmology in the year 2022
SASWATA MALLICK	2018-19	: Awarded Senior Class Assistant in Community Medicine in the year 2022
BAARNIKI DEBNATH	2018-19	: Awarded Junior Class Assistant in Community Medicine in the year 2022
ANCHITA THAKUR	2020-21	: Awarded Senior Class Assistant in Physiology in the year 2022
AISHIKA DAS	2020-21	: Awarded Junior Class Assistant in Physiology in the year 2022
RUP SINHA BABU	2020-21	: Awarded 'Kunja Kusum Scholarship' for securing Highest Total Marks in the 1st Professional MBBS examination of West Bengal University of Health Sciences of 2022 amongst the students of NRS Medical College, Kolkata.
ARPAN MANDAL DIYA DAS	2020-21	: Awarded 'Kunja Kusum Scholarship' for securing 2nd Highest Total Marks in the 1st Professional MBBS examination of West Bengal University of Health Sciences of 2022 amongst the students of NRS Medical College, Kolkata.
DIYA DAS		: 2020-21 Awarded "Dr Gita Mukhopadhyay Das Memorial Scholarship" for securing highest total marks in the 1st Professional MBBS examination of West Bengal University of Health Sciences of 2022 amongst the Female students of NRS Medical College, Kolkata.
BAARNIKI DEBNATH UDISA DAS	2018-19	: Awarded 'Kunja Kusum Scholarship' for securing Highest Total Marks in the 2nd Professional MBBS examination of West Bengal University of Health Sciences of 2021 amongst the students of NRS Medical College, Kolkata.
PIYA GHOSH	2018-19	: Awarded 'Kunja Kusum Scholarship' for securing 2nd Highest Total Marks in the 2nd Professional MBBS examination of West Bengal University of Health Sciences of 2021 amongst the students of NRS Medical College, Kolkata.
SRIJEETA BASU	2017-18	: Awarded 'Kunja Kusum Scholarship' for securing Highest Total Marks in the 3rd Professional Part-I MBBS examination of West Bengal University of Health

NAME	BATCH	AWARD
		Sciences of 2021 and the 3rd Professional Part-II MBBS examination of West Bengal University of Health Sciences of 2022 amongst the students of NRS Medical College, Kolkata.
SRIJEETA BASU	2017-18	: Awarded 'Kunja Kusum Scholarship' for securing Highest Total Marks in the 3rd Professional Part-I MBBS examination of West Bengal University of Health Sciences of 2021 and the 3rd Professional Part-II MBBS examination of West Bengal University of Health Sciences of 2022 amongst the Female students of NRS Medical College, Kolkata.
MUSKAN AGARWALI	2017-18	: Awarded 'Kunja Kusum Scholarship' for securing 2nd Highest Total Marks in the 3rd Professional Part-I MBBS examination of West Bengal University of Health Sciences of 2021 and the 3rd Professional Part-II MBBS examination of West Bengal University of Health Sciences of 2022 amongst the students of NRS Medical College, Kolkata
PRERNA RUPALI	2018-19	: Awarded "Late Barendra Nath Nag Memorial Award" for Securing Highest Total Marks in Pharmacology in the 2nd Professional MBBS Examination of WBUHS of 2021
KAUSTAV RAY	2016-17	: Awarded "Dr. Srikrishna Das & Smt. Durgeshnandini Das Memorial Scholarship" for Securing Highest Total Marks in Medicine in the 3rd. Professional Part II MBBS Examination of WBUHS of 2021
AMRITA DATTA	2016-17	: Awarded "Dr. Asim Kumar Biswas Memorial Award" for Securing 2nd Highest Total Marks in Surgery in the 3rd. Professional Part II MBBS Examination of WBUHS of 2021
SOUMITA PAL	2016-17	: Awarded "Dr. Asim Kumar Biswas Memorial Award" for Securing 2nd Highest Total Marks in Surgery in the 3rd. Professional Part II MBBS Examination of WBUHS of 2021
RISHAV BAIRAGI		: 1966 Golden Jubilee Gold Medal Award For Securing Highest Total marks in all the Professional MBBS Examination from 2016-2021
MEHETAB ALAM MOLLA		: Dr. Amitava Chakraborty Memorial Scholarship for his performance throughout the year during his tenure in the 1st Professional MBBS.
POULOMI GOLUI		: 3rd Professional Part II has been awarded ICMR Short Term Studentship (STS) 2020; Reference ID 2020-04927

Obtained Honours Marks in Anatomy (WBUHS) Examination - 2022

Abu Horaira Rahaman, Ahana Dutta, Amlan Bhattacharjee, Anindya Ghosh, Ansika Koiry, Arpan Mandal, Debanjan Jana, Debasreeta Siddhanta, Dipayan Nanda, Druhin Bhattacharjee, Indranil Mukherjee, Kripananda Dutta, Manish Sarkar, Mayukh Chatterjee, Md. Sabir Sarkar, Meherun Nahar, Nalak Dey, Mehetab Alam Molla, Naurin Haque, Nilabja Das, Oindrila Das, Payel Bag, Priyadarshini Saha, Rahul Roy Poddar, Rup Sinha Babu, Sarit Bhunia, Shriparna Pandey, Shreya Mukherjee, Shuvojyoti Rakshit, Soushthab Bhakta, Souvik Dutta, Subhra Ray, Viraj Chingsubam, Zeba Nasrin, Anchita Thakur, Diya Das, Sharannya Banik

Obtained Honours Marks in Physiology (WBUHS) Examination - 2022

Aditya Datta, Aishika Das, Ankur De, Ansika Koiry, Arka Bhoumik, Bonna Mondal, Dipayan Nanda, Mazarul Rahaman Molla, Md. Sabir Sarkar, Payel Bag, Priyansu Roy, Rajarshi Chakraborty, Rohit Das, Rup Sinha Babu, Shriparna Pandey, Shuvojyoti Rakshit, Soushthab Bhakta, Sreya Mandal, Anchita Thakur, Diya Das

Obtained Honours Marks in Biochemistry (WBUHS) Examination - 2022

Aishika Das, Ankur De, Arpan Mandal, Mehetab Alam Molla, Shriya Mukherjee, Soushthab Bhakta, Sreya Mandal, Tanmoy Roy Chowdhury, Viraj Chingsubam, Sharannya Banik,

Obtained Honours Marks in Pathology (WBUHS) Examination - 2022

Abdul Ahad, Aishwarya Polley, Anshul Prasad, Asmit Kumar, Atique Bikram Halsana, Ayonil Nandi, Bipasha Pal, Dev Dulal Srivastava, Davansh Rathi, Disha Agarwal, Jishnu Bhattacharya, Rajdip Saha, Mahakash Rakshit, Manisha, Mansi Agarwal, Mayank Kumar das, Minhaz Parvin, Paramita basak, Nandini Nilotpal Majumdar, Plaban Paul, Poulami Mishra, Poulami Mukhopadhyay, Pragati Pradhan, Raiwanth Subba, Rajosree Saha, Romit Mumar Samanta, Sagnik kundu, Samim Ikbali, Saswati Banerjee, Sharanya Haldar, Shouvik Sarkar, Shrestha Bose, Soumyadeep Khan, Soumyadeep Nandi, Soumyadeep pal, Spandan Chakraborty, Subhadip Santra, Suman pal, Supratim Das, Tanya Dutta, Udit Karmakar, Amrita Pal, Atique Bikram Halsana, Debasish Saha, Debbani Patra, Debmalya Chakraborty, Jashaswi Bhattacharya, Pratik Prasad Saha, Prava Tewari, Rajsekhar Chattopadhyay, Rounel Sarkar, Soumyanetra Lodh, Skuman Gorai, Swagata Bhar, Upamanyu Nag.

Obtained Honours Marks in Microbiology (WBUHS) Examination - 2022

Ahan Ray, Aishwarya Polley, Ayonil Nandi, Dev Dulal Srivastava, Mansi Agarwal, Nandini Nilotpal Majumdar, Paramita Basak, Rajosree Saha, Santanu Das, Sarbani Modak, Saswati Banerjee, Sharanya Haldar, Soumyadeep Khan, Suman Pal, Supratim Das, Debasish Saha, Debbani Patra, Debmalya Chakraborty, Dipayan Kar, Dwaipayan Roy, Rounel Sarkar, Soumyadeep Chatterjee, Soumyanetra Lodh, Swagata Bhar, Upamanyu Nag,

Obtained Honours Marks in Pharmacology (WBUHS) Examination - 2022

Abdul Ahad, Aishwarya Polley, Ahan Ray, Anand Shankar, Aritra Bhattacharjee, Arpan Das, Dev Dulal Srivastava, Disha Agarwal, Jyotirbina Karmakar, Mansi Agarwal, Poulami Misra, Sagnik Saha, Samadrita Sanyal, Sonali Jaiswal, Soumyadeep Khan, Spandan Chakraborty, Subhadip Santra, Supratim Das, Tanya Dutta, Debbani Patra, Debmalya Chakraborty, Dipayan Kar, Rajsekhar Chattopadhyay, Rituraj Mazumder, Soumyanetra Lodh, Swagata Bhar, Upamanyu Nag

Obtained Honours Marks in Ophthalmology (WBUHS) Examination - 2022

Ankita Chakraborti, Anwesa Jana, Avik Sil, Mitul Rahaman, Mrinmoy Debnath, Piya Ghosh,
Rakesh Bhowmik, Riddhi Pushilal, Sarthak Pal, Shreya Layek, Shreyasi Majumder,
Soham Bhattacharya, Tajnur Hossain Gazi, Partha Pratim Saha, Rounak Das,
Rudrakanta Mazumder, Seshna Dutta Ray

Obtained Honours Marks in ENT (WBUHS) Examination - 2022

Ankita Chakraborti, Avik Sil, Mrinmoy Debnath, Namrata Gupta, Nayanika Chatterjee, Perna Rupali,
Renaissa Banik, Sarthak Pal, Shaswata Biswas, Shreya Layek, Shreyasi Debnath, Shreya Chandra,
Partha Pratim Saha

Obtained Honours Marks in Community Medicine (WBUHS) Examination - 2022

Ajjur Rahaman Mondal, Ananya Purba Mondal, Ankita Chakraborty, Anoushka Bhattacharyya, Avik Sil,
Ankita Mondal, Anwesa Jana, Arka Mondal, Baarniki Debnath, Disha Sarkar, H. M. Fardin,
Harsh Raj Basant, Joydeep Saha, Kirit Vikram Bhowmick, Kishaloy Chakraborty,
Liya Bhaumik, Najib Taher, Nayanika Chatterjee, Neepabithi Mitra,
Piya Ghosh, Riddhi Pushilal, Richi Biswas, Shankhadip Pal,
Shaswata Biswas, Shreya Chadra, Shreyasi Debnath,
Shreyasi Majumder, Sudipta Mondal, Supriyo Podder,
Tajnur Hossain Gazi, Trisha Paul, Udisa Das,
Dipannita Pramanik, Sameera Hasmi,
Sayan Mondal, Seshna Dutta Ray

Obtained Honours Marks in General Surgery (WBUHS) Examination - 2022

Bidisha Panja, Eeshica Mukherjee, Raja Roy,
Shivam Saha, Srijeeta Basu.

Obtained Honours Marks in G & O (WBUHS) Examination - 2022

Adrish Biswas, Amand Tandon



Side view of Baker Block

Departmental Information





FACULTY MEMBERS

PROFESSORS

Prof. (Dr) Sharmistha Biswas - HOD, Prof. Dr. Abhijit Bhakta

ASSOCIATE PROFESSOR

Dr. Pallab Kumar Saha

ASSISTANT PROFESSORS

Dr. Sanchita Roy, Dr. Paramita Mukhopadhyay, Dr. Panchali Datta

DEMONSTRATOR

Dr. Susumna Biswas, Dr. Sarbani Das, Dr. Chiranjib Bapuli, Dr. Dilip Kumar Mondal

NON - TEACHING STAFF

MT-LAB : Shri. Soumyajit Majumdar

DHA (Dome)

Shri. Dayanand Mallick, Shri. Rabindra Mallick, Shri. Rajendra Mallick, Shri. Laxman Mallick
Shri. Sanjit Mallick, Shri. Umesh Mallick

KARMA BANDHU : Shri Pappu Dome

Publications (Oct 2021 to Sept 2022)

1. Prof. (Dr.) Sharmistha Biswas, Continuous Formative Assessment in Teaching- Learning Anatomy in a Medical College of West Bengal: Perception of students & Teachers. Published in IJBAMR, June, 2021.
2. Dr. Sarbani Das, Dr. Kana Bal, Dr. Swapan Bhattacharjee, Morphological development of sulci in fetal brain: An anatomical study. Asian Journal of Medical Sciences, 01-04-2022.
3. Dr. Chiranjib Bapuli, Dr. Kana Bal, Height estimation of an individual from forearm length in medical students. Asian Journal of Medical Sciences, 01-05-2022.

Achievements of Faculties & Students

1. Professors, Associate Professors and Assistant Professors of the department completed RBCW and CISP training Programme of Medical Education.
2. Professor (Dr.) Sharmistha Biswas Acted as faculty in RBCW held in NRSMC in August, 2021.
3. Professor (Dr.) Sharmistha Biswas Acted as chairperson in 68th National Conference of Anatomical Society of India, held on Jan, 2022.
4. Faculties of the Department attended the Fever clinic and Telemedicine duties on regular basis.
 - a) Dr. Arpita Sen : Comparative anthropometric and dermatoglyphics study between obese and non obese Type 2 Diabetes Mellitus in a Tertiary Care Hospital. Under guidance : Dr. Pallab Kumar Saha, Dr. (Prof.) Abhijit Bhakta, Dr. Soumik Goswami.
 - b) Dr. Ankan Shubhra Kundu : A case control study on Dermatoglyphics in Alopecia Areata at a Tertiary Care Hospital, Kolkata. Under guidance : Dr. (Prof.) Abhijit Bhakta, Dr. (Prof.) Arun Achar, Dr. (Prof.) Dibakar Halder.
 - c) Dr. Preeti Mehta : Morphological and morphometric study of foramina of interior of skull base in Eastern Indian population. Under guidance : Dr. (Prof.) Sharmistha Biswas, Dr. Pallab Kumar Saha.

FACULTY MEMBERS

PROFESSORS

Dr Jatisankar Rudra - HOD
Dr Dipankar Mukherjee, Dr Manabendra Sarkar, Dr Jayanta Chakraborty

ASSOCIATE PROFESSORS

Dr Saikat Majumdar, Dr Anindya Mukherjee

ASSISTANT PROFESSORS

Dr Archana Roy, Dr Debananda Sarkar, Dr Mijanur Rahaman Shaikh,
Dr Manotosh Sutradhar, Dr Tapas Bhattacharyya, Dr Ketaki Gayen

RMO CUM CLINICAL TUTORS

Dr Mousumi Khanra, Dr Debdipta Das, Dr Indranil Basak, Dr Priti Banerjee, Dr Keka Pandey

POST GRADUATE TRAINEES (3rd Years)

Dr Debabrata Paul, Dr Sanjana Ghosh, Dr Arindam Mitra, Dr Mirza Mohammad Tausif, Dr Ashik Ikbal,
Dr Saikat Bhattacharya, Dr Arkadip Hore, Dr Sagnik Banerjee, Dr Emili Hazra, Dr Sekaran Pravin Kumar,
Dr Sushim Mukul Mitra, Dr Priyadarse Mandal, Dr Arunima Das, Dr Sayan Mandal, Dr Abhinaba Das

POST GRADUATE TRAINEES (1st Years)

Dr Madhurima Banerjee, Dr Anupurba Basu, Dr Bikramjit Mondal, Dr Mahima Prasad Dey,
Dr Pallabi Bhattacharya, Dr Pallabi Ghosh, Dr Saurav Naga, Dr Abhinav Verma, Dr Kakva Amik Anja,
Dr Priyagopal Samanta, Dr Niladri Das, Dr Nawang Choden, Dr Madhumita Ghosh, Dr Suravi Ghosh,
Dr Ashutosh Saren

POST MD SENIOR RESIDENTS

Dr Esita Dutta, Dr Nabanita Roy, Dr Deepanjana Ghosh, Dr Bodhisattwa Bagchi, Dr Nazima Khatun,
Dr Dibas Saha, Dr Debjani Basu, Dr Kaneez Fatima, Dr Sayan Santra, Dr Ayesha Khatun,
Dr Debdeep Chakraborty

Dissertations in last one Year (Oct 2021 to Sept 2022)

Post Graduate Students : Third Year

1. Dr Emili Hazra; comparison between sevoflurane and desflurane on extubation time and emergence agitation in children undergoing abdominal surgery.
2. Dr Priyadarse Mandal : Comparative Assessment of Intubating Conditions In Adult Patients Using Macintosh Laryngoscope And King Vision Video Laryngoscope Under General Anaesthesia.
3. Dr Debabrata Paul: A Clinical comparative study of Ropivacaine with Clonidine and Ropivacaine alone in Brachial plexus block through supraclavicular approach in upper limb surgery.
4. Dr Saikat Bhattacharya : analgesic efficacy of bupivacaine in bilateral superficial cervical plexus block among patients undergoing thyroid surgery"

5. Dr Sagnik Banerjee: comparison between dexmedetomidine and fentanyl infusions in maintaining haemodynamic stability during craniotomies.
6. Dr Arindam Mitra: efficacy of premixed vs, successive administration of bupivacaine and fentanyl for spinal anesthesia; a comparative clinical study.
7. Dr Sushim Mukul Mitra: a comparative study on the effects of femoral nerve block and fascia iliac compartment block during positioning in patients with femur fracture operation under spinal anesthesia and post operative analgesia.
8. Dr Sekaran Pravin Kumar: a comparative study of anaesthetic efficacy in sequential injection of 0.5% hyperbaric bupivacaine and fentanyl versus mixed 0.5% hyperbaric bupivacaine and fentanyl given intrathecally in lower uterine cesarean section
9. Dr Ashik Ikbal : comparative study between fractionated dose and conventional single dose spinal anesthesia in patients of pregnancy induced hypertension posted for emergency caesarean section.
10. Dr Arunima Das : a prospective comparative study between dural puncture epidural and lumbar epidural in knee and hip arthroplasty.
11. Dr Sayan Mandal: a comparative study of dexmedetomidine versus dexamethasone as adjuvant to ropivacaine (0.2%) in femoral nerve block for postoperative analgesia in arthroscopic knee surgery under general anaesthesia.
12. Dr Shrawan Soni: the efficacy of erector spine plane block in modified radical mastectomy for post operative analgesia.
13. Dr Mirza Mohammad Tausif: evaluation of analgesic efficacy of intrathecal tramadol coadministered with hyperbaric bupivacaine in spinal anesthesia for lower limb orthopedic surgeries.
14. Dr Abhinaba Das: comparative evaluation of bolus administration of intravenous lignocaine and intravenous dexmedetomidine for attenuation of hemodynamic stress response to laryngoscopy and endotracheal intubation.
15. Dr Arkadip Hore: comparison of haemodynamic stability and perioperative analgesia requirement for spinal block by bupivacaine versus bupivacaine with dexamethasone as adjuvant in lower limb orthopedic surgeries.
16. Dr Sanjana Ghosh : comparison of hemodynamic response between intrathecal injection of isobaric (0.75%) ropivacaine & fentanyl and isobaric (0.5%) bupivacaine & fentanyl for transurethral resection of prostate.

Post Graduate Students : First Year

1. Dr Anupurba Basu : Clinical comparative study of the efficacy of tramadol and dexmedetomidine for control of post spinal shivering.
2. Dr Madhurima Banerjee : A Comparative study between the effects of USG-Guided Erector Spinae Plane Block & PECS Type-I & Type-II Block in patients undergoing unilateral Modified Radical Mastectomy regarding post-operative Morphine requirement.
3. Dr. Bikramjit Mondal : A comparative study of efficacy & Safety of intrathecal levobupivacaine and intrathecal bupivacaine heavy in infra-umbilical surgeries

4. Dr Mahima Prasad Dey : Comparison of the utility of two Supraglottic Airway Devices Ambu AuraGain and Blockbuster as alternative airway devices for providing GA for different surgical procedures.
5. Dr Pallabi Bhattacharya : The Comparison of Two Different Volumes of 0.5% ropivacaine in Ultrasound-Guided Supraclavicular Brachial Plexus Block for Upper Limb Surgery: A Randomized Controlled Study
6. Dr Pallabi Ghosh : Comparative Study Between Ultrasound Guided Transversus Abdominis Plane Block Versus IlioInguinal/IlioHypogastric Nerve Block For Postoperative Analgesic efficacy & safety In Patients Undergoing Inguinal Hernia Repair Surgery
7. Dr Saurav Naga : Comparison between iv Dexmedetomidine vs iv fentanyl and midazolam combination during sedation in awake fiberoptic intubation
8. Dr Abhinav Verma : comparison of analgesics efficacy between 0.25% and 0.125% plain bupivacaine in post operative usg guided unilateral transversus abdominis plane block in patients undergoing unilateral inguinal mesh hernioplasty
9. Dr Kakva Amik Anja : Comparision of Analgesic effect between Ultrasound - Guided Adductor Canal Block and Periarticular local Anaesthetic Infiltration in Knee Surgeries
10. Dr Priyagopal Samanta : a clinical comparative study of dexmedetomidine vs dexamethasone as an adjuvant to 0.5% ropivacaine in ultrasound-guided supraclavicular brachial plexus block in upper limb surgery
11. Dr Niladri Das : Comparative study on onset of supraclavicular brachial plexus block between ultrasound-guided technique and nerve-stimulator guided technique in upper limb surgeries
12. Dr. Nawang Choden : A clinical comparison of analgesic efficacy of usg guided transversus abdominis plane block with periportal infiltration of bupivacaine after elective laparoscopic cholecystectomy.
13. Dr Madhumita Ghosh : To compare efficacy in pregnant women undergoing caesarean section under subarachnoid block using hyperbaric ropivacaine (.75%) versus hyperbaric bupivacaine (.5%) mixing fentanyl as an adjuvant
14. Dr Suravi Ghosh : A comparative study between hyperbaric ropivacaine (0.75%) alone and hyperbaric ropivacaine with dexmedetomidine as adjuvant for spinal anaesthesia in lower abdominal surgery
15. Dr Ashutosh Saren : A comparison between saddle block versus sub arachnoid block using 2.5 ml of 0.5% bupivacaine heavy with 25 mcg fentanyl for transurethral resection of prostate

Post Graduate Students : First Year

1. Dr Kaneez Fatima : comparison of propofol-dexmedetomidine based versus propofol. fentanyl based i-gel insertion conditions in patents undergoing short surgical procedures.
2. Dr Bodhisattwa Bagchi : Attenuation of haemodynamic responses to laryngoscopy and endotracheal intubation with two different doses of intravenous dexmedetomidine A Comparative.
3. Dr Deepanjana Ghosh: attenuation of pressor response to laryngoscopy and intubation with i.v. Magnesium sulphate and i.v. Esmolol- a comparative.
4. Dr Esita Dutta: "a clinical comparison of dexamethasone and dexmedetomidine as adjuvant to ropivacaine in fascia iliac compartment block in patients with hip and femur fracture under spinal anesthesia"

5. Dr Debdeep Chakraborty : "nasogastric tube insertion in anaesthetised, intubated, adult patients: a comparison between the reverse sellick's manoeuvre and the sort.
6. Dr Dibas Saha: hemodynamic changes during endotracheal intubation in patients with anticipated difficult airway : a comparison between king vision video laryngoscope and mccoys direct laryngoscope.
7. Dr Nabanita Roy : a comparative study of efficacy of intravenous dexmedetomidine with perineural dexmedetomidine as adjuvant to ropivacaine in supraclavicular brachial plexus block in upper limb surgery.
8. Dr Sayan Santra: Comparison Of Capillary Blood Glucose Level At 1 Hour After Induction Of General Anesthesia In Children Receiving Intraoperatively Either Ringer's Lactate With Glucose 1% Or Ringer's Lactate Alone.
9. Dr Nazima Khatun : A study on efficacy of particular analgesia in Total Knee Arthroplasty
10. Dr Ayesha Khatun : a comparison between propofol-ketamine and propofol-fentanyl as procedural sedation and postoperative analgesia for total intravenous anesthesia in adult patients undergoing short surgical procedures.
11. Dr Debjani Basu : Comparison of hemodynamic parameters in severe pre eclamptic and normotensive parturient a after spinal anesthesia during caesarean section.



Entrance of Administrative Block

FACULTY MEMBERS

PROFESSORS

Prof. Soma Gupta - HOD

Prof. Debes Roy

ASSOCIATE PROFESSORS

Dr Sandip Chakraborty, Dr Indranil Dawn

ASSISTANT PROFESSORS

Dr Sukla Nath, Dr Amrita Karmakar, Dr Priyanka Datta

DEMONSTRATORS

Dr. Saswati Bandyopadhyay (Detailed to Swasthya Bhawan), Dr Mausumi Das,
Dr Piali Chowdhury, Dr. Quazi MD Tajuddin

SENIOR RESIDENT

Dr Sk Mikhail Islam

POST GRADUATE TRAINEES (3rd Year)

Dr Sukanya Mukherjee

POST GRADUATE TRAINEES (2nd Year)

Dr Mousumi Das, Dr Satarupa Basu

NON - TEACHING STAFF

Ms Dipannwita Datta Chakrabarty, Ms Pyasa Banerjee, Mr Bamdeb Paik, Mr Tapas Bhattacharyya

Dissertations in last one Year (Oct 2021 to Sept 2022)

Completed :

A study of cardiovascular risk factors in patients of type II diabetes mellitus with or without albuminuria: by
Dr Sk Mikhail Islam 2019-2022.

Ongoing :

Study of Hormone levels, inflammatory markers and Tumour markers in patients suffering from Breast
Carcinoma.

Evaluation of selective mutations in alpha-thalassemia in cases of microcytic hypochromic anemia by Gap-
PCR.

Study of risk factors steatohepatitis /NASH in patients suffering from NAFLD with or without obesity.

Publications (Oct 2021 to Sept 2022)

1. Samadder Sangita, Datta Priyanka, Chakraborty Sandip, Ghosh Chinmoy .Correlation of High-density Lipoprotein (HDLc) with Acute Phase Reactants in COVID-19 Patients: An Observational Study in a Tertiary Care Hospital West Bengal. Int J Cur Res Rev ; 13 (20) October 2021:107-112
2. Siddhartha Gupta, Sayantan Jana, Soma Gupta. Epidemiology of Haemoglobin Disorders in East Midnapore District, West Bengal, especially from Haldia: A Report of 5-year study. International Journal of Medical Science and Current Research 2021; 4 (3): 222 – 228.

3. Probir Kumar Roy, Sayantan Dasgupta, Soma Gupta. The Fidelity Of KlenTaq Polymerase Differs From Taq Polymerase: A Report From A Study Of Cystathionine Beta Synthase (CBS) Gene Polymorphism. Indian Journal Of Applied Research 2021; 11 (05): 51 – 53.
4. Sanchayan Sinha, Santasmita Pal, Piali Chowdhury, Chinmoy Ghosh. Study on association of serum ferritin & serum ceruloplasmin in pregnancy: a case control study. International journal of scientific research. 2022; 11(02):1-2.
5. Amrita Karmakar, Dipa Mondal, Soma Gupta. “Comparison of atherogenic index of plasma and cholesterol/hdl ratio among type 2 diabetes mellitus patients in a tertiary care hospital. August – 2021;11(08):52-54.
6. Sukla Nath, Indranil Dawn, Amrita Karmakar. A cross sectional study among body mass index and serum ferritin level in a tertiary care hospital, Kolkata. International journal of scientific research. 2022;11(03):1-3.
7. Chakraborty Sanghamitra, & Gupta Soma. (2022). Impact, impression, and innovations of objective structured practical examination in biochemistry curriculum of medical undergraduates. Asian Journal of Medical Sciences, 13(8), 122–126.

Conference & CME Program (State/National level) arranged by the Department

Hands on workshop and lecture session on antinuclear antibody testing by Indirect Immunofluorescence Microscopy under the aegis of Association of medical biochemistry India West Bengal chapter in association with Department of biochemistry, NRSMCH.

CME on “Measurement of Uncertainty in diagnostic tests” Department of Biochemistry, NRSMCH, organized on 14/09/2022.

Achievement by the students

- A) UG students under guidance of faculty members of Department were encouraged and mentored to give seminars
- B) Other students doing short term projects or training under guidance of faculty members of Department
 1. Effects of basal metabolic index on fasting glucose and serum triglycerides in patients attending tertiary care hospital West Bengal : Dr. Amrita Karmakar.
 2. Separation of serum protein by DEAE cellulose column and identification of fraction by agarose gel electrophoresis (pH 8.6) : Dr. Sandip Chakraborty .
 3. Assessment of serum total and bone alkaline phosphatase in post menopausal women at tertiary care hospital, West Bengal : Dr Priyanka Datta.
 4. Correlation of BMI and LDL and HDL ratio in patients attending tertiary care hospital West Bengal : Dr. Amrita Karmakar.
 5. Study of Serum Sodium, Potassium and Chloride ion level in COPD patients attending tertiary care hospital : Dr Sukla Nath.
 6. Study of Serum Magnesium, Calcium and Phosphorus level and PFT in COPD patients attending tertiary care hospital : Dr Sukla Nath.
 7. Study of FBG and OGTT among antenatal mother attending tertiary care hospital, West Bengal : Dr Sukla Nath.

8. Assessment of serum ferritin along with serum prostatic specific antigen in differential diagnosis of benign prostatic hypertrophy and prostate cancer : Dr Indranil Dawn.

Achievement by the faculty members

Prof. Soma Gupta delivered a invited talk in a 29th Annual Conference of Association of Medical Biochemists of India 21st to 23rd July 2022 entitled “Identification of some common Genetic Diseases in West Bengal: Biochemical and Molecular Approach.”

Dr Priyanka Datta delivered a faculty presentation in a 29th Annual Conference of Association of Medical Biochemists of India 21st to 23rd July 2022 entitled “Vitamin D status in different trimester of pregnancy and its effects on neonatal outcome in West Bengal: A Tertiary Care Hospital Based Study.”

Dr Priyanka Datta delivered a talk in a Pre conference CME held by AMBICON WB on 2nd September 2022 entitled “Universal PEG precipitation in hyperprolactinemia : To do or not to do.”

Prof. Soma Gupta acted as panelist in a State conference held by AMBICON WB on 8th September 2022 “Teaching of Medical Biochemistry as per new curriculum by NMC.

Prof. Debes Ray delivered an oration lecture in a State conference held by AMBICON WB on 9th September 2022 entitled : “Implementing Six Sigma Metrics for Performance Evaluation of Clinical Laboratory Services.”

Achievement by Students

Dr. Mousumi Das - 1st in Poster Presentation in AMBICON WB (8th & 9th September 2022)

Topic : “ Assessment of cortisol in postpartum women attending antenatal care clinic attending at a tertiary care hospital West Bengal.”

Dr. Sukanya Mukherjee - 3rd in Oral Presentation in AMBICON WB (8th & 9th September 2022)

Topic : “A study of hormone levels, inflammatory markers and tumor markers in patients suffering from breast carcinoma.”

FACULTY MEMBERS

PROFESSOR

Dr. Sampa Dutta Gupta - HOD

SENIOR RESIDENTS

Dr. Soumyadip Pal, Dr. Lini Srivastava

CONTRACTUAL SPECIALIST

Dr. Aditi Das

ACTING JUNIOR RESIDENT

Dr. Amit Kr Mondal, Dr. Enakshi Saha, Dr. Raj Gain, Dr. Sameek Biswas

TRANSFERRED & ABSENT

Dr. Haripada Das, Transferred to R G Kar Medical College

Dr. Animesh Makal, Tutor, Absent

D M STUDENTS

Dr. Avijit Das, Dr. Rimjhim Chakma

Dr. Shabhat Ali Siddique, Passed Final Examination Successfully in 2022.

Msc (CRITICAL CARE/OT SCIENCES) PARAMEDICAL STUDENTS

Ananya Pal, Subhajit Mondal, Khurshid Alam Laskar, Paulami Dutta, Sujit Adhikary, Saumyadip Sarkar
Debtirtha Goswami, Debbina Koley

Bsc (CRITICAL CARE/OT SCIENCES) PARAMEDICAL STUDENTS

Arka Prava Pal, Gouranga Dolai, Sandip Maity, Biswambhar Halder, Bhaskar Roy, Mashidur Rahaman,
Shambhunath Ghoshal, Sourav Paswan, Souvik Pal, Binita Hembram, Debnil De, Debapriya Mallik,
Madhuja Bhadra, Rimil Kisku

Dissertations in last one Year (Oct 2021 to Sept 2022)

Comparison between Albumin and Crystalloid as priming solution in cardiopulmonary bypass for cyanotic heart disease patients posted for surgery-A prospective observational study.

Comparison between thoracic epidural and intravenous analgesia for postoperative pain relief in complex congenital cardiac surgical patient: a prospective observational study.

A prospective observational study to find out the requirement of post cardiopulmonary bypass platelet transfusion based on platelet function analysis from sonoclot analyser".

A prospective comparative study on requirement of postoperative platelet transfusion based on platelet function from sonoclot analyser between vitamin C recipient patients and vitamin C non recipient patients undergoing cardiopulmonary bypass for CABG Surgery.

Bacteriological profile and antibiogram of indwelling catheter tips in post operative cardiac surgical patients in tertiary care hospital.

A prospective observational study for microbiological analysis of endotracheal aspirate and cultures in post-operative extubated patients after cardiac surgery in a tertiary care hospital."

Adherence and compliance to hand hygiene practice in ICU and operation theatre in N.R.S. Medical college tertiary care hospital.

Changes of inspiratory capacity by incentive spirometer on patients of chronic obstructive pulmonary diseases posted for on pump coronary artery by pass grafting . – A comparative study.

Achievements of Faculties

Prof (Dr) Sampa Dutta Gupta

1. Regular examiner for NBE. For Anaesthesiology and Cardiac Anaesthesiology. Both for theory Paper setter and external examiner for practical examinations.
2. Working as peer reviewer of Annals of Cardiac Anaesthesiology of Indian society of cardiothoracic and vascular anaesthesiologist.
3. University inspection committee member as Pro VC nominee.
4. Working as expert committee member for cardiac transplant team of Govt. of WB.
5. Working as Secretary of committee member for technical courses of the WBUHS.
6. Worked as Scientific secretary of Kolkata society of anaesthesiologist. (ISA)
7. Examiner of FAT, NBE Cardiac Anaesthesia.
8. DNB/DrNB Final Practical Examination, Coordinator. in the Department at NRS Medical College.
9. Panel examiner HRB Govt of W B for Anaesthesiology.
10. Working as expert committee member of Sishu Sathi scheme under govt of WB.
11. PI Admin JENPA UG. Paramedical courses.
12. Assessment done for recognition and renewal of DM Cardiac Anaesthesiology for MARB.INDIA.
13. Regularly attended teaching programme, as faculty in various conference & CMEs programme at state and National level.

FACULTY MEMBERS

PROFESSOR

Dr. Ranjan Kumar Sharma - HOD

ASSOCIATE PROFESSOR

Dr. Swapan Kumar Halder

ASSISTANT PROFESSORS

Dr. Madhumita Kuila, Dr. Hema Malathi Rath

R. M. O.

Dr. Samir Kumar Roy, Dr. Subhasish Chakravarty

SENIOR RESIDENT

Dr. Kalyan Kumar Saha, Dr. Adil B. Wasil

POST GRADUATE TRAINEES (3rd Year)

Dr. Bious Samanta, Dr. Pramit Kumar Maji, Dr. Malyaban Das

POST GRADUATE TRAINEES (3rd Year)

Dr. Prantik Bhattacharya, Dr. Sudhangshu Majumdar, Dr. Arijit Saha

NON - TEACHING STAFF

VISITING PEDIATRIC CARDIOLOGIST

Dr. Shyamajit Samaddar

MEDICAL OFFICER - ICCU

Dr. Soumitra Sengupta, Dr. Nirmalya Sengupta, Dr. Debaprasad Mondal

Dr. Debyendu Sundar Mondal, Dr. Dabjyoti Ghosh

MEDICAL TECHNOLOGIST - CATH LAB

Mr. Soumen Pandit, Mr. Parimal Shasmal, Mr. Shahrukh Alam, Mr. Anirban Naskar
Miss Aparna Roy, Mr. Sagnik Ghosh

MEDICAL TECHNOLOGIST - ECG

Mr. Arindam Deb, Mr. Animesh Manna, Mrs. Susmita Ghosh, Mr. Arpan Das
Mr. Arit Kar, Mr. Jitt Sarkar, Mr. Swarup Das, Miss Tosmina Khatun

Dissertations in last one Year (Oct 2021 to Sept 2022)

Coronary angiographic profile in patients with conduction system disorders requiring permanent cardiac pacemaker implantation. Dr. Adil Bashir Washil.

The Clinical presentation, risk factors, angiographic profile and outcomes in young patients admitted with myocardial infarction. Dr. Amit Chaturvedi.

Evaluation of Subclinical Left Ventricular Dysfunction in Patients with Diabetes Mellitus with Normal Ejection Fraction. Dr. Priyank Jain.

Publications (Oct 2021 to Sept 2022)

Original Articles :

1. Biswas S, Mukherjee A, Chakraborty S, Chaturvedi A, Samanta B, Khanra D, Ray S, Sharma RK. Impact of plasma glucose and duration of type 2 diabetes mellitus on SYNTAX Score II in patients suffering from non ST-elevation myocardial infarction. *Kardiologia*. 2022 Mar 31; 62 (3): 40-48.
2. Halder SK, Roy SK, Mukherjee A, Khanra D, Das M, Samanta B, et al. A study on normal reference values of echocardiographic chamber dimensions in newborn infants from Eastern India – A pilot study. *Heart India* 2022; 10: 45-50.
3. Khanra D, Hamid A, Deshpande S, Mukherjee A, Petkar S, Saeed M, et al. Meta- analysis comparing outcomes of high-power short-duration and low-power long- duration radiofrequency ablation for atrial fibrillation. *Anatol J Cardiol* 2022; 26: X.
4. Mukhopadhyay S, Mukherjee A, Khanra D, Samanta B, Karak A, Guha S. Cardiovascular disease risk factors among undergraduate medical students in a tertiary care centre of eastern India: a pilot study. *Egypt Heart J*. 2021 Oct 26; 73 (1): 94. doi: 10.1186/s43044-021-00219-9.

Case Reports

Mukhopadhyay M, Mukherjee A, Basu S, Chaturvedi A, Sharma RK. Ruptured sinus of Valsalva aneurysm due to Infective Endocarditis managed by device Journal of Cardiology Cases, closure - a case report. <https://doi.org/10.1016/j.jccase.2021.11.007>.

Reviews

Dutta A, Aruchunan M, Mukherjee A, Metri KG, Ghosh K, Basu-Ray I. A Comprehensive Review of Yoga Research in 2020. *J Integr Complement Med*. 2022 Jan 28. doi: 10.1089/jicm.2021.0420. Epub ahead of print. PMID: 35099279.

Book Chapters

- A. Basu-Ray, I., Mukherjee, A. (2022). Yoga: A Holistic Approach for Cardiac Arrhythmia. In: Basu-Ray, I., Mehta, D. (eds) *The Principles and Practice of Yoga in Cardiovascular Medicine*. Springer, Singapore. https://doi.org/10.1007/978-981-16-6913-2_14.
- B. Khanra, D., Mukherjee, A., Soni, S., Basu-Ray, I. (2022). Role of Yoga and Meditation in Palliative Care. In: Basu-Ray, I., Mehta, D. (eds) *The Principles and Practice of Yoga in Cardiovascular Medicine*. Springer, Singapore. https://doi.org/10.1007/978-981-16-6913-2_27.

Posters

- a. Meta-analysis comparing outcomes of higher power shorter duration and lower power longer duration radiofrequency ablation for atrial fibrillation- HRS 2021
- b. A study on normal reference values of echocardiographic chamber dimensions in new born infants from eastern India - a pilot study- CSICON 2021
- c. Impact of plasma glucose level and duration of type 2 diabetes mellitus on syntax score II among non-ST elevation myocardial infarction patients- CSICON 2021
- d. Cardiovascular disease risk factors among undergraduate medical students in a tertiary care centre of eastern India- a pilot study- CSICON 2021.
- e. The Clinical presentation, risk factors, angiographic profile and outcomes in young patients admitted with myocardial infarction. ESC Asia 2022.

Conference & CME Program (State/National level) arranged by the Department : One day CTO Workshop done on with invited faculty Dr. (Prof.) P. K. Goel, Lucknow, India.

Achievement by the students :

- A) UG students under guidance of faculty members of Department : Nil
- B) PG students : Nil.
- C) Other students doing short term projects or training under guidance of faculty members of Department: Nil

Achievement by the Faculty Members:

- a. Dr. Anindya Mukherjee : First position in E-Poster presentation at CSICON 2021, Hyderabad, India.
- b. Dr. Ranjan Kumar Sharma : Invited as Faculty/Chairperson in the 14th Annual Conference of Society of Cardiac Intervention on 3rd and 4th September, 2022.
- c. Dr. Ranjan Kumar Sharma : Invited as Faculty/Chairperson in the 14th Annual Echo Conference of Society of Cardiac Intervention on 3rd and 4th September, 2022.



Indoor Dispensary and Side View of Nurses' Quarters

FACULTY MEMBERS

PROFESSORS

Dr. Pares Bandyopadhyay - HOD
Dr. Binay Krishna Sarkar

ASSOCIATE PROFESSOR

Dr. Suranjan Halder

ASSISTANT PROFESSORS

Dr. Chandan Kumar Saha, Dr. Ashis Halder, Dr. Bhubandeep Mukhopadhyay

CONSULTANT SURGEONS

Dr. Vijay Agarwal (Paediatric Cardiac Surgeon), Dr. Shubhabrata Banerjee (Vascular Surgeon)

CONSULTANT INTENSIVIST

Dr. Vipul Krishen Sharma

R. M. O.

Dr. Anindita Biswas

MEDICAL OFFICER

Dr. Krishnendu Chakraborti, Dr. Mohon Maitra

SENIOR RESIDENT (Post M.Ch)

Dr. Minhazuddin Khurram, Dr. Debarshi Saha, Dr. Amitrajit Dasgupta

NON - TEACHING STAFF

PERHLISIONIST

Abhijit Paul, Proloynath Nath, Jayanta Choudhury, Shahnawaz Abbas, Kuheli Muidal

CRITICAL CARE : Manab Mitra

X-Ray : Tanushree Khanra Chaulia

DEPARTMENTAL CLERICAL STAFF : Avinash Das

OFFICE PEON : Gopal Adhikari

SISHU SATHI DEO : Ritam Hazra

STUDENT INFORMATION

PARAMEDICAL STUDENT (DPFT)

1st Year : Ayush Chakraborty, Souvik Mondal, Sunil Das

Final Year : Sohel Rumi Molla, Noor, Pritam Naskar

PHYSICIAN ASSISTANT STUDENTS ADMISSION

2nd Year : Subhadeep Das, Tanushree Paul, Sonali Pal, Mariyana Paul, Biswajit Ghorami
Julkar Nayan, Mst. Kamrun Nesa, Mondira Mondal, Suman Das, Laxmi Saha

1st Year : Ayan Banerjee, Sayandip Patra, Bipul Adhikari, Prithis Karmakar, Sattayajit Patra
Avinandan Upadhyay, Debabrata Mondal, Partha Gope, Jyotikiran Layak, Beauty Hansda

POST BASIC CVT NURSING STUDENTS ADMISSION : 2022

Sheuli Halder, Tanuka Mitra, Priyanka Sau, Pronay Mondal

M.Sc NURSING (MED/SURG- CARDIOTHORACIC) 2022-24

Silpa Manna, Papiya Purkait, Sreejita Saha, Papiya Dutta, Soma Maity, Rirnpa Sardar

Study Ongoing

1. Clinical trial to see the effectiveness of India made new bioprosthetic valve in selected patients who require mitral or aortic valve replacement
2. Cardiovascular Complication and its relation to Immune Response in COVID-19 infection under National Health Mission

Course Affiliation

1. Physician Assistant Course in the Department of CTVS, NRSMCH, Kolkata for the session 2021-22 has been affiliated to the West Bengal University of Health sciences.
2. M.Sc Nursing in (Med/ Surg- Cardiothoracic) started from 2022 -2024 for 6 seat 1 year.

Paper Setters and Examiners, Conduction for Cardiothoracic Surgery

For WBHUS and NBE - Dr P Bandyopadhyay and Dr B K Sarkar

Students Passed in 2022

1. M.Ch Passed Students - Dr. Debashi Saha, Dr. Amitrajit Dasgupta
2. DPFT Passed Students - Mr. Rajshaker Adhikari
3. Dr. Krishnendu Chakraborty awarded Ph.D (WBUHS) in 2022

Achievement in the Department

1. Peditric Cardiac Surgery for complex congenital started regularly in the department during 2021- 2022
2. Endovascular Repair of Aortic aneurysm

Academic Activities

Thesis work :

1. "Effects of Isolated LA Maze Procedure on Cardiac Dimensions, Rhythm and ventricular Function Among Surgical Patients of Mitral Valvular Heart Disease with Persistent Atrial Fibrillation"
2. "Comparative study of Prognosis of patients undergoing Mitral Valve replacement by different suture techniques"

Paper Presented in the National Conference . IACTSCON 2022

1. Unusual presentation of lung hydatid with rare cardiac involvement
2. Ischemic VSD surgical management during Covid era.

Academic Activities

1. Successful conduction the DNB Final Practical Examination (C1VS) of the National Board of Examinations in the Department of CTVS, NRSMCH, Kolkata in September, 2021(Dr NB-3year) and in February, 2022(Dr NB-6 year)
2. Dr B K Sarkar participated as
 - a) A Faculty in the virtual conference "UPDATE IN CARDIOLOGY, 2021" organized by the CSI-West Bengal Branch scheduled in a digital platform held on 20th & 21st November, 2021

- b) An assessor for accreditation of postdoctoral courses with the National Board of Examinations in Medical Sciences in December, 2021
 - c) An External Examiner in the DNB Final Practical Examination (DrNB-3years course in CTVS) conducted by NBE, at National Heart Institute, New Delhi, at MAMC, Chennai in 2022
 - d) Question - writer for intercollegiate MRCSE, ICBSE, UK in August, 2022
 - e) Overseas Examiner (Remote MRCS, OSCE) in March, 2022, Cairo, Egypt
 - f) A Section Editor of the Indian Journal of Thoracic and Cardiovascular Surgery
3. Dr B K Sarkar was awarded the prestigious Meherji P Mehta Memorial Oration for the year 2021 conferred by IACTS.
 4. Dr. Pares Bandyopadhyay Participated
 - a) In the panel discussion on valve surgery in March 2022
 - b) As chairperson in Paediatric Cardiac surgery conference on 11 < 11.2022
 5. As chairperson in Lung Transplantation seminar on 29.10.2022.
 - a) Examiner in DNB (CTVS) exam in Madras Medical College Apollo Hospital, Chennai, GB Pant Hospital, New Delhi.

Paper Publication

1. A unique study of post mitral valve surgery status of patients in pre and intra COVID- 19 era. International Journal of Research in Medical Sciences.
2. A prospective study of Neurological Complications Following Cardiac Surgery International Journal of Scientific Research - Journal of Dental and Medical Sciences

CMC / Conference Attended

Dr. Amitrajit Dasgupta

- 1) National conference of IACTS (IACTSCON 2022) in Jaypur, Rajasthan.
- 2) Update in Cardiology : Organised by CSI in November 2021/ CME by IMA in ESI Hospital and in IME house, Calcutta branch/ CME on Heart 2 Heart in Kolkata/ HOPECON 2022 in Kolkata

FACULTY MEMBERS

PROFESSORS

Prof. (Dr) Dibakar Haldar - HOD

Prof. (Dr) Indira Dey Pal - MSVP

Prof. (Dr) Jhuma Sarkar

ASSOCIATE PROFESSORS

Dr Kanti Bhushan Choudhury, Dr Abhijit Mukherjee, Dr Saikat Bhattacharya

ASSISTANT PROFESSORS

Dr Moumita De, Dr Easin Gazi, Dr Swapnodeep Sarkar, Dr Nabanita Chakraborty

DEMONSTRATOR

Dr Madhumita Basu, Dr Nivedita Roychoudhury, Dr Sk. Golam Mortuja, Dr Parnava Das

MO, ROME

Dr Sunil Baran Mandal

NON - TEACHING STAFF

PUBLIC HEALTH NURSES

Mrs Bani Ghatak (Senior), Mrs Ruby Basu, Mrs Namita Mukherjee, Mrs Rinku Dalapati,
Mrs Sharmishta Jotdar

OFFICE STAFFS : GDA/KARMABANDHU

Mr Kishor Kumar Mahato, Mr Dilip Kumar Mahapatra, Mr Indrajit Sarkar, Mr Sanjit Mallick

Publications (Sept 2021 to Sept 2022)

Dr. Abhijit Mukherjee :

1. Kala S, Bhattacharjee S, Biswas R, Mukherjee A, Datta S. Prevalence of Risk Factors of Non-communicable Diseases among Adolescents of a Rural Area in Darjeeling District of West Bengal. The Journal of the Association of Physicians of India. 2021 Oct 1;69(10):11-2.
2. Bandyopadhyay A, Mukherjee A. Pseudo-longitudinal research design: a valuable epidemiological tool in resource-poor settings. Ruraland Remote Health 2021; 21: 6977. <https://doi.org/10.22605/RRH6977>.
3. Mandal S, Maitra S, Mukherjee A, Mandal M. Clonidine and dexmedetomidine as adjuvant to ropivacaine for supraclavicular brachial plexus block during upper limb surgery: A comparative study. Asian Journal of Medical Sciences. 2022 Jul 1;13(7):34-42.
4. Roychowdhury P, Mukherjee A, Bhattacharjee S, Bhutia PD, Datta S, Dasgupta S. Occupational ventilatory defects among workers employed in tea gardens, a cross-sectional study in Siliguri subdivision of Darjeeling district, West Bengal. Indian J Occup Environ Med 2022;26:78-83.
5. Bhattacharjee S, Mukherjee A, Bhandari K, Rout AJ. Evaluation of multiple-choice questions by item analysis, from an online internal assessment of 6th semester medical students in a rural medical college, West Bengal. Indian Journal of Community Medicine: Official Publication of Indian Association of Preventive & Social Medicine. 2022 Jan;47(1):92.

6. Kala S, Bandyopadhyay A, Bhattacharjee S, Mukherjee A, Dasgupta S. Looking Beyond Knowledge and Accessibility-Exploring Barriers and Facilitators for Cervical Cancer Screening Services among Tribal Women in Tea Gardens of Darjeeling, West Bengal. *Journal of Clinical & Diagnostic Research*. 2022 Apr 1;16(4).
7. Ishore K, Prabir G, Mukherjee A, Hazra S. Prevalence of Staphylococcal Nasal Carriage Among Health Care Worker Working in Intensive and Critical Care Units of a Tertiary Care Hospital. *J Med Sci Health* 2022; 8(1):1-7.
8. Mishra P, Biswas A, Seth P, Chattopadhyay D, Paul R, Rahaman W, Mukherjee S, Bandyopadhyay A, Mukherjee A. Prevalence and predictors of SARS-CoV-2 breakthrough infection among recipients of 2 doses of COVAXIN: a retrospective analysis: Prevalence and predictors of breakthrough SARS-CoV-2 infection following COVAXIN. *Journal of Undergraduate Medical Research*. 2022 Apr 7;4(1).
9. Bandyopadhyay A, Samanta S, Mukherjee A, Bhattacharjee S. Assessing the prevalence and socio-demographic determinants of the unsolved problem of perceived social stigma: A study among leprosy patients in North Bengal, India. *Med J Babylon* 2022;19:258-64.
10. Bandyopadhyay A, Ghosal R, Mukherjee A. Occupational noise generation and its exposure at an Indian black tea factory: a neglected problem. *Saf Health*. 2022;13:S87eS310

Dr. Saikat Bhattacharya :

11. Bhattacharya S, Kumar P, Bandyopadhyay P, Mondal S. A Time Motion Study for COVID-19 Vaccination in a Medical College of West Bengal. *Int Med J* 1994. 2021 Nov 29;28:13412051.
12. Perception and Willingness towards Eye Donation in an urban community of West Bengal [Internet]. ResearchGate. [cited 2021 Feb 18]. Available from: <https://www.researchgate.net/publication/346051168>
13. Bhattacharya S, Mondal S, Mitra K. Performance of Undergraduate Medical Students in Formative and Summative Evaluations in Community Medicine in a Medical College in India. *J Med Educ*. 2021 Nov 30;20.

Dr. Moumita De :

14. Sain S, De M, Dey I. Assessment of risk of depression among the antenatal mothers attending a tertiary care hospital of Kolkata, India. *Al Am een J Med Sci* 2021; 14(2): 151-158.

Dr. Nabanita Chakraborty :

15. Chakraborty N, Joardar G.K. A Study on the Utilization of Antenatal Care Services and its Associated Factors in a Tertiary Care Hospital, Kolkata, West Bengal. *Annals of Community Health*. 2021;9(1):201-5

Dr. Nivedita Roychoudhury :

16. Dasgupta A, Roychoudhury N, Pal D, Bandyopadhyay L, Suman S. Unintended Pregnancy And Its Correlates: A Field Level Study Among Currently Married Women Of Reproductive Age in A Rural Area of West Bengal : *International Journal of Scientific Research* 2021; 10 (6): 45-48

Conference & CME arranged by the department :

CME held and successfully organized on Anti Rabies day.

CME held and successfully organized on World TB Day.

Public awareness program successfully organized on World Population day.

Awareness program for mothers successfully organized on Breastfeeding week.

Public health awareness program successfully organized on World Nutrition Day.

Achievements :

Covid Vaccination drives under the department of Community Medicine administered more than 2 lakhs covid vaccine doses to the citizens till date.

FACULTY MEMBERS

PROFESSOR

Dr. Pallab Kumar - HOD

ASSOCIATE PROFESSOR

Dr. Debjit Roy

ASSISTANT PROFESSOR

Dr. Debanti Giri

CLINICAL TUTOR/DEMONSTRATOR

Dr. Mrinmoy Kerketa, Dr. Debasmita Mitra, Dr. Wasim Raja Mumtaz, Dr. Partha Sarathi Biswas

NON - TEACHING STAFF

NURSING STAFF

Bharati Deb

GROUP D STAFF

Amit Turi, Kedar Hela

JUNIOR RESIDENTS/HOUSE STAFFS (B.D.S.)

Tutul Gorai, Sayani Basu, Rubita Karmakar, Sayan Kumar Bera, Saptarshi Mukherjee, Abhinanda Bhowmik, Arunava Roy, Sreyasi Majumder, Debaprabha Raptan, Sudipta Debsarma, Richa Singh, Tathagata Mondal, Tannavi Singh, Mridul Kanti Hazra, Amartya Kumar Dey, Uddalak Naskar, Susanchita Singh, Ayshiki Majhi, Subrata Roy, Samsunneher Khatun, Somrudra Ghosh, Antaripa Dutta, Rajdeep Bhattacharya, Koushik Dan

List of Seminars and Case Discussion from the Department (Sept 2021 to Sept 2022)

Seminars :

1. Importance of blood investigations in routine dental practice by Dr. Antaripa Dutta Dr Koushik Dan (*Junior Residents*)
2. Antibiotics used in dentistry by Dr Somrudra Ghosh, Dr Samsunneher Khatun, Dr Subrata Roy Dr Ayshiki Majhi (*Junior Residents*)
3. Seminar on nursing bottle , rampant caries & early childhood caries by Dr Debaprabha Raptan & Dr Tutul Garai (*Junior Residents*)

Case Discussions :

1. Type 3 Canine impaction with complex odontoma (Dr Rajdeep Bhattacharya & Dr Tutul Gorai)
2. Cervical Sinus curettage of periapical chronic infected one male & one female , one paediatric patient- Departmental Case Presentation (Dr Debaprabha Raptan& Dr Rajdeep Bhattacharya)
3. Reduction of dento-alveolar fracture & repositioning of teeth of anterior in 10 years aged boy followed by Light Cure Splinting -Discussion (Dr Sayan Bera & Dr Debaprabha Raptan)
4. Enucleation of periapical cyst – Case performance & discussion (Dr Rajdeep Bhattacharya & Dr Tutul Gorai)

FACULTY MEMBERS

PROFESSORS

Dr. Arun Achar - HOD

Dr. Aparesh Patra

ASSOCIATE PROFESSORS

Dr. Suchibrata Das, Dr. Kingshuk Chatterjee

RMO CUM CLINICAL TUTOR

Dr Arindam Sett

MEDICAL OFFICER

Dr. Rubiya Sarkar

SENIOR RESIDENTS

Dr. Chinjitha T Davis, Dr. Snuhi Bhuiya, Dr. Aritra Roy, Dr. Srutee Barman, Dr. Soumyo Kanti Dutta

POST GRADUATE TRAINEES (3rd Years)

Dr. Anuska Majumder, Dr. Koge Potom, Dr. Md Rahamat

POST GRADUATE TRAINEES (2nd Years)

Dr. Oindrila Dutta, Dr. Benazir Hakim, Dr. Madhabendra Nath Sarkar

POST GRADUATE TRAINEE (1st Year)

Dr. Chinmoy Bera

NON - TEACHING STAFF

NURSING STAFF

Monika Modak

GROUP D STAFF

Raghubir Das, Archana Nandi

SWEEPER

Hari Charan Turi

Dissertations (Oct 2021 to Sept 2022)

1. Impact on Quality of Life in Chronic and Recalcitrant Superficial Dermatophytosis (2nd Year)
2. A Comparative Study on Fractional CO2 Laser With Platelet Rich Plasma Vs Fractional CO2 Laser Alone In Treatment of Acne Scars (2nd Year)
3. A Study on Clinical Patterns, Causative Agents And Biochemical Changes of Cutaneous Adverse Drug Reactions in a Tertiary Care Hospital in Eastern India (2nd)

Publications (Oct 2021 to Sept 2022)

1. Dr Arun Achar , Author in , IADVL Multiple Choice in Dermatology, Venereology and leprosy, 1st edition , Eds- Dr. Lalit k. Gupta et all.

2. Banerjee Saikat, Das Suchibrata, Roy AK, Ghoshal L. Comparative Effectiveness and Safety of Methotrexate Versus PUVA in Severe Chronic Stable Plaque Psoriasis. Indian J Dermatol. 2021 Jul-Aug;66(4):371-377. doi: 10.4103/ijd.IJD_492_20. PMID: 34759395; PMCID: PMC8530075.

Programmes Held by our Department

1. Observation of Vitiligo Day
2. Clinical Meeting and PGT Seminar
3. Observation of Psoriasis Day
4. Observation of Leprosy Awareness Day
5. Departmental Theory Examinations of 3 RD Year PGTs
6. Regular PGT classes
7. Regular laser surgery – CO2, IPL, Q switched Nd- YAG is going on

Detailed Status of Recognition of MD (DVL) Course

Department runs MD (DVL) Course Recognized by MCI, 3 seats per year.

Achievements of Faculties & Students

1. MD Dermatology examination held at our Department.
2. All MD students Passed in First attempt.
3. Dr. Kingshuk Chatterjee, working as Honorary Secretary IADVL, WB.
4. Laser Clinic regularly (Hair Clinic, Pigment Clinic , Skin Rejuvenation Clinic)
5. Dr Arun Achar - Panelists in State dermatology conference, Cuticon21 and mid CUTICON 21.
6. Dr Suchibrata Das, working as Honorary Treasurer IADVL, WB. Also as panelist, CUTICON 21, Moderator in a session in Mid CUTICON 21, as Faculty in Dermatology Brush up, by IADVL WB Branch.
7. Our 2nd year PGT Dr Anuska Mazumder stood - First in award paper presentation in Mid CUTICON 21.
8. Dr Srutee Barman, SR in e-poster presentation at mid CUTICON WB 2021 held on 29/08/2021

FACULTY MEMBERS

PROFESSOR

Prof. (Dr.) Nilanjan Sengupta - HOD

ASSOCIATE PROFESSOR

Dr. Arjun Baidya

ASSISTANT PROFESSOR

Dr. Soumik Goswami

SENIOR RESIDENTS

Dr. Mounam Chattopadhyay, Dr. Abhirup Banerjee

POST DOCTORAL TRAINEES (2nd Years)

Dr Prashant Manohar Gaikwad, Dr Niladri Das, Dr Deep Kamlesh Hathi

POST DOCTORAL TRAINEES (1st Year)

Dr. Vibhu Ranjan Khare, Dr. Rajat Deb, Dr. Joydip Datta

NON - TEACHING STAFF

LOWER DIVISION CLERK

Mrs. Dhira Barik

GENERAL DUTY ATTENDANT

Ms. Riya Choudhury

Dissertations in last one Year (Oct 2021 to Sept 2022)

Proposed

1. Dr. Vibhu Ranjan Khare - Prevalence of Sarcopenia in patients of Type 1 Diabetes Mellitus.
2. Dr. Rajat Deb - A study on FIB4 index as a screening tool for liver fibrosis in Type 2 Diabetes Mellitus.
3. Dr. Joydip Datta - To estimate the orbital volume and extra ocular muscle thickness in patients of Graves' disease without clinical thyroid associated orbitopathy.

Publications (Oct 2021 to Sept 2022)

1. Goswami S, Agrawal N, Sengupta N, Baidya A, Sahana PK. (February 10, 2022) Absence of Vitamin D Deficiency Among Outdoor Workers With Type 2 Diabetes Mellitus in Southern West Bengal, India. Cureus 14(2): e22107.
2. Das AK, Gandhi P, Saboo B, Sanjay Reddy, Rajeev Chawla, Abdul Hamid Zargar, Rajiv Kovil, Manoj Chawla, S.K. Sharma, Sunil Gupta, B.M. Makkar, Vinod Mittal, Soumik Goswami, S.R. Arvind, Shalini Jaggi, Sarita Bajaj, Sambit Das. Optimizing the treatment of newly diagnosed type 2 diabetes mellitus with combination of dipeptidyl peptidase-4 inhibitors and metformin: An expert opinion. J Family Med Prim Care. 2021;10(12):4398-4409.

3. Das N, Sahana PK, Tarenia SS, Gaikwad PM, Baidya A, Sengupta N, et al. Osteopetrosis: A rare case. *Ann Med Sci Res* 2022;1:93-96.
 4. Paul R, Ghosh A, Sengupta N, Sahana PK. Comparison of efficacy and safety of vildagliptin 50 mg tablet twice daily and vildagliptin 100 mg sustained release once daily tablet on top of metformin in Indian patients with Type 2 diabetes mellitus: A randomized, open label, Phase IV parallel group, clinical trial. *Natl J Physiol Pharm Pharmacol* 2022;12 (Online First). DOI: 10.5455/ njppp.2022.12.062851202217862022.
 5. Hathi D, Goswami S, Sengupta N, et al. (September 16, 2022) A Case of Elephantiasis Pretibial Myxedema Successfully Treated With Intralesional Triamcinolone Acetate. *Cureus* 14(9): e29234. doi:10.7759/cureus.29234.
 6. Sattik Siddhanta, Pranab Kumar Sahana, Nilanjan Sengupta, Soumik Goswami. A Prospective Cohort Study On Effect Of Levothyroxine Replacement On Health Related Quality Of Life In Subjects With Subclinical Hypothyroidism In A Tertiary Care Centre Of India. *International Journal of Recent Scientific Research* Vol. 13, Issue, 03 ©, pp. 629-637, March, 2022.
 7. Manoj Chadha, Subodh Banzal, S. Sridhar, Soumik Goswami, Hanmant Barkate, Sachin Suryawanshi, Mayur Jadhav, Manasi Brid. Real-world Retrospective Assessment of Initiation and Effectiveness of Dual Combination Therapy with Metformin and Teneligliptin in Drug Naïve Indian Type 2 Diabetes Mellitus Patients (INITIATE). *Journal of Clinical and Diagnostic Research*. 2022 Jan, Vol-16(1): OC16-OC19.
 8. Gaikwad PM, Goswami S, Sengupta N, Baidya A, Das N. Transformation of Peripheral Sexual Precocity to Central Sexual Precocity Following Treatment of Granulosa Cell Tumor of the Ovary. *Cureus*. 2022 Feb 28;14(2):e22676. doi: 10.7759/cureus.22676. PMID: 35371651; PMCID: PMC8966063.
 9. Hathi D, Goswami S, Sengupta N, Baidya A. A Novel Homozygous CYP19A1 Gene Mutation Causing Aromatase Deficiency. *Cureus*. 2022 Feb 9;14(2):e22059. doi: 10.7759/cureus.22059. PMID: 35340461; PMCID: PMC8916689.
 10. Sahana PK, Chattopadhyay M. Pseudo-Cushing Syndrome [Internet]. *ClinicalKey Now*; 2022 May 19 [cited June 6]. Available from : https://www.clinicalkey.com/now/in/content/76-s2.0-in_en_pseudo_cushing_syndrome#hl0000273.
 11. Double Trouble: Cushing's Syndrome Due to ACTH-secreting Pheochromocytoma” *Acta Scientific Clinical Case Reports* Volume 3 Issue 5 May 2022: Niladri Das, Soumik Goswami, Arjun Baidya, Nilanjan Sengupta, Prashant Gaikwad, Deep Hathi and Silima S Tarenia.
 12. Hathi D, Goswami S, Sengupta N, Acharya S, Kumar S, Talwar D. Myriad Manifestations of 3-Beta-Hydroxysteroid Dehydrogenase 2 Deficiency-A Tale of Two Infants. *Cureus*. 2022 Jan 31;14(1):e21779. doi: 10.7759/cureus.21779. PMID: 35251849; PMCID: PMC8890447.
 13. Arjun Baidya. “Association of Thyroid Dysfunction with Metabolic Syndrome: A Real-world Study” *International Journal of Health and Clinical Research*, 2021;4(8):238-240:
 14. Arjun Baidya. “Effects of Hydroxychloroquine on Progression of Diabetic Retinopathy in Subjects with Rheumatoid Arthritis and Type 2 Diabetes Mellitus” *Current Diabetes Review* 2022, 18. doi: 10.2174/1573399818666220118101320.
- Arjun Baidya, Yashaswi Pathak, Nilanjan Sengupta, Pranab Kumar Sahana, Soumik Goswami, Silima Tarenia, Abhirup Banerjee, Mounam Chattopadhyay, Deep Hathi, Prashant Manohar Gaikwad, Niladri Das; 158-LB: Effect of Vitamin D Replacement on Glycemic Status and Pregnancy Outcomes in Vitamin

D-Deficient Subjects with Gestational Diabetes Mellitus. Diabetes 1 June 2022; 71 (Supplement_1): 158-LB. <https://doi.org/10.2337/db22-158-LB>.

Ongoing research projects in Department :

Dr Arjun Baidya

- i. "Phase II clinical trial on fixed drug combination (FDCs) of Naltrexone Hydrochloride and Zonisamide sustained release capsule."
- ii. A prospective, multi-centre, phase IV study to evaluate safety and efficacy of SomatoRel™ (recombinant human growth hormone manufactured by Reliance Life Sciences Pvt. Ltd.) in growth hormone deficient children.
- iii. "A Randomized, Double-blind, Placebo Controlled, Dose Optimization Study to Assess Efficacy and Safety of Hydroxychloroquine in Type 2 Diabetes Patients Uncontrolled on Metformin and Sulfonylurea Combination"
- iv. A Multicenter, Randomized, Open-Label, Parallel-Group, Four-Arm, Phase III, Active Controlled Comparative Study to Assess Efficacy and Safety of Fixed Dose Combination of Dapagliflozin, Glimepiride and Metformin Hydrochloride Tablets in Comparison to Coadministration of Glimepiride and Metformin Hydrochloride Tablets in Patients with Type 2 Diabetes Mellitus.

Dr. Abhirup Banerjee

- i. Effect of levothyroxine supplementation on bone markers in primary hypothyroidism.

Dr. Niladri Das

- i. A correlation study on psychosocial distress, disordered eating behaviour and glycemic variability in patients with Type 1 Diabetes Mellitus.
- ii. "Randomized Controlled Trial for Smartphone based Smoking Cessation Program – QuitSure" in collaboration with IIT Mumbai.

Dr. Deep Kamlesh Hathi

- i. Comparison of oral glucose tolerance test and ambulatory glycemic profiles in pregnant women with Gestational Diabetes Mellitus using the FreeStyle Libre flash glucose monitoring system in patients attending a tertiary care teaching hospital in Kolkata.
- ii. Spectrum of phenotype and genotype of congenital isolated hypogonadotropic hypogonadism in Eastern India.

Achievements by faculty members :

Prof. (Dr.) Nilanjan Sengupta

- i. Honorary General Secretary of Endocrine Society of Bengal.
- ii. Associate Editor, Indian Journal of Endocrinology and Metabolism.

Dr Arjun Baidya

- i. Poster selected in *The Best Poster Category* in IDF World Congress 2021, December "Prevalence of normo-albuminuric renal dysfunction and associations with other clinical parameters in diabetic population"
- ii. Poster accepted in *IDF World Diabetes Congress 2021 in December* "Association Between Prior Antidiabetic Therapy and Outcome in Hospitalized COVID-19 Diabetic Subjects"

- iii. Poster accepted in *ENDO 2022*, June “A Rare Case of Infantile Transient Pseudohypoparathyroidism”
- iv. Poster accepted in *ENDO 2022* June “A Case Of Rathke'S Cleft Cyst Presented With Central Diabetes Insipidus In A Young Female”
- v. Poster accepted in *ADA 2022*, June “Effect of Vitamin D Replacement on Glycemic Status and Pregnancy Outcomes in Vitamin D–Deficient Subjects with Gestational Diabetes Mellitus”
- vi. Poster accepted in *ICE 2022*, August “Association of intrarenal vascular resistance with biochemical parameters in type 1 DM subjects”
- vii. Poster accepted in *EASD*, 2022 September 2022 “Prevalence of lipodystrophy and agreement between clinical and radiological imaging methods in diagnosing lipodystrophy in insulin requiring subjects with diabetes”
- viii. Continuing as Faculty of “National Diabetes Educator Program” Course
- ix. Continuing as Reviewer of Biomedical and Pharmacy Journal, Journal of Neurosciences in Rural Practice, Journal of Endocrinology and Metabolism, Journal of the Asean Federation of Endocrine Societies, Indian Journal of Case Reports, Diabetes & Metabolic Syndrome: Clinical Research & Reviews, Journal of Diabetes and Metabolism” Military Medical Research, Journal, Journal of Pharmaceutical Research International, Post Graduate Medicine, Reviewer of Endocrinology, Diabetes & Metabolism.

Dr. Soumik Goswami

- i. Associate Editor, *IJEM Case Reports*.

Achievements by Senior Residents :

Dr. Mounam Chattopadhyay

- i. Presented a case of ‘Diabetic Foot’ (Clinical Case 4) in Digital Endocrine Enrichment Programme 2021-22 5th edition on 09.01.2022.
- ii. Participated in *ESI-TYSA 2022* 05.02.2022-06.02.2022 Preliminary Round and cleared Level 1.
- iii. Presented a research paper on “A study on clinical and biochemical profile of Turner syndrome with special reference to cardiovascular abnormalities” at *CRESCENDO 2022* on 29.04.2022.
- iv. Observership in the Department of Molecular Genetics and Cytogenetics at Tata Medical Center, Kolkata from 16/5/22 to 30/5/22.
- v. Sahana PK, Chattopadhyay M. Pseudo-Cushing Syndrome [Internet]. *ClinicalKey Now*; 2022 May 19 [cited June 6]. Available from: https://www.clinicalkey.com/now/in/content/76-s2.0-in_en_pseudo_cushing_syndrome#hl0000273
- vi. Drawing selected for back inner cover page of *ESI Yearbook 2022* in the Cover Page Design Contest based on the theme: Indian Endocrinology in Global Scenario.

Dr. Abhirup Banerjee

- i. Oral Presentation at *CRESCENDO 2022* : Effects of Levothyroxine supplementation on Bone Turnover Markers in patients with Hypothyroidism.
- ii. Observership in the Department of Molecular Genetics and Cytogenetics at Tata Medical Center, Kolkata from 16/5/22 to 30/5/22.

Achievements by Post-Doctoral Students :

Dr. Prashant Manohar Gaikwad

- i. Poster presentation at EndoUpdate 2021 : A case of secondary central precocious puberty in a case of granulosa tumor cell of ovary.
- ii. Poster presentation at EndoUpdate 2022 : A case of secondary central precocious puberty in a case of granulosa tumor cell of ovary.
- iii. Gaikwad PM, Goswami S, Sengupta N, Baidya A, Das N. Transformation of Peripheral Sexual Precocity to Central Sexual Precocity Following Treatment of Granulosa Cell Tumor of the Ovary. Cureus. 2022 Feb 28;14(2):e22676. doi: 10.7759/cureus.22676. PMID: 35371651; PMCID: PMC8966063.
- iv. Received research grant from RSSDI (West Bengal Chapter) for “Correlation of HbA1C with Mean Blood Glucose”.

Dr. Niladri Das

- i. Awarded research grant from RSSDI (West Bengal Chapter) for “A correlation study on psychosocial distress, disordered eating behaviour and glycemic variability in patients with Type 1 Diabetes Mellitus.”
- ii. Double Trouble: Cushing's Syndrome Due to ACTH-secreting Pheochromocytoma” Acta Scientific Clinical Case Reports Volume 3 Issue 5 May 2022: Niladri Das, Soumik Goswami, Arjun Baidya, Nilanjan Sengupta, Prashant Gaikwad, Deep Hathi and Silima S Tarenia

Dr. Deep Kamlesh Hathi

- i. Poster presentation at EndoUpdate 2022: Ectopic Cushing Syndrome as the initial presentation of Pulmonary Carcinoid.
- ii. Hathi D, Goswami S, Sengupta N, et al. (September 16, 2022) A Case of Elephantiasic Pretibial Myxedema Successfully Treated With Intralesional Triamcinolone Acetate. Cureus 14(9): e29234. doi:10.7759/cureus.29234.
- iii. Hathi D, Goswami S, Sengupta N, Baidya A. A Novel Homozygous CYP19A1 Gene Mutation Causing Aromatase Deficiency. Cureus. 2022 Feb 9;14(2):e22059. doi: 10.7759/cureus.22059. PMID: 35340461; PMCID: PMC8916689.
- iv. Hathi D, Goswami S, Sengupta N, Acharya S, Kumar S, Talwar D. Myriad Manifestations of 3-Beta-Hydroxysteroid Dehydrogenase 2 Deficiency-A Tale of Two Infants. Cureus. 2022 Jan 31;14(1):e21779. doi: 10.7759/cureus.21779. PMID: 35251849; PMCID: PMC8890447.
- v. Received research grant from RSSDI (West Bengal Chapter) for “Comparison of oral glucose tolerance test and ambulatory glycemic profiles in pregnant women with Gestational Diabetes Mellitus using the FreeStyle Libre flash glucose monitoring system in patients attending a tertiary care teaching hospital in Kolkata.”

Dr. Yashaswi Pathak

- i. Presented a case of ‘Thyroid Associated Ophthalmopathy’ in Digital Endocrine Enrichment Programme 2021-22 5th edition on 08.01.2022.
- ii. Observership in the Department of Molecular Genetics and Cytogenetics at Tata Medical Center, Kolkata from 16/5/22 to 30/5/22.

- iii. Oral Presentation at DRWA Conference, Kolkata, 2022: “Effect of Vitamin D Replacement on Glycemic Status and Pregnancy Outcomes in Vitamin D-deficient Subjects with Gestational Diabetes Mellitus.”
- iv. Arjun Baidya, Yashaswi Pathak, Nilanjan Sengupta, Pranab Kumar Sahana, Soumik Goswami, Silima Tarenia, Abhirup Banerjee, Mounam Chattopadhyay, Deep Hathi, Prashant Manohar Gaikwad, Niladri Das; 158-LB: Effect of Vitamin D Replacement on Glycemic Status and Pregnancy Outcomes in Vitamin D-Deficient Subjects with Gestational Diabetes Mellitus. Diabetes 1 June 2022; 71 (Supplement_1): 158-LB. <https://doi.org/10.2337/db22-158-LB>.



FACULTY MEMBERS

PROFESSORS

Dr. Saurabh Chattopadhyay - HOD

Dr. Saptarshi Chatterjee

ASSOCIATE PROFESSOR

Dr. Sayak Sovan Dutta

DEMONSTRATORS

Dr. Molly Banerjee, Dr. Sanjay Bandyopadhyay, Dr. Manideepa Barua

POST DOCTORAL TRAINEES (Final Year)

Dr. Moumita Bala, Dr. Ankita Chunakar

POST DOCTORAL TRAINEES (1st Year)

Dr. Rohit Sarkar, Dr. Arijit Bari

NON - TEACHING STAFF

Sanjay Sarkar, Rajesh Mallick (i), Kamala Devi Mallick, Rajesh Mallick (ii), Rajendra Mallick
Rakesh Santra, Manick Mallick, Bikki Mallick, Banty Mallick, Sahil Mallick, Sammi Mallick

Dissertations in last one Year (Oct 2021 to Sept 2022)

1. Dr. Moumita Bala (Final year PGT) – An autopsy based study to determine the correlation of stature with length of the cranial sutures and age with fusion of cranial sutures.
2. Dr. Ankita Chunakar (Final year PGT) – A postmortem study of the facial and neck findings in hanging.
3. Dr. Rohit Sarkar (1st year PGT) – A study to compare the antemortem CT scan and autopsy findings in head injury cases.
4. Dr. Arijit Bari (1st year PGT) – A study to compare coup and contrecoup injuries in acceleration deceleration head injury cases at a tertiary care hospital in Kolkata.

Publications (Oct 2021 to Sept 2022)

1. Assessment of histopathological changes in the thyroid gland of fatal burn patients – a cross-sectional study. Saurabh Chattopadhyay, Anup Kumar Roy, Ms. Dipti Saha. Burns Open, 2022; 6(4):164-167.
2. Distinction of fly artifacts from bloodstains in crime scenes: A Brief Literature Review. Soumeek Chowdhuri, Somasish Ghosal, Saurabh Chattopadhyay, Achintya Biswas. Arab Journal of Forensic Sciences and Forensic Medicine, 2022; 4(1):43-51.
3. Estimation of age from fusion of human sternum in Bengali population from dead bodies sent for autopsy in NRSMCH Morgue. Sayak Sovan Dutta, Sandip Mukhopadhyay, Subhajit Adhikary. Indian Journal of Forensic Medicine & Toxicology, 2021; 15(3).
4. A postmortem study of lifelines- common belief v/s reality. Sayak Sovan Dutta, Sandip Mukhopadhyay, Shelly Samanta. Indian Journal of Forensic Medicine & Toxicology, 2021; 15(3).
5. An autopsy based study on the relationship of cystic artery in respect to common bile duct, common hepatic duct and calot's triangle in light of hepatobiliary surgery. Puloma Chakraborty, Sayak Sovan

- Dutta, Sandip Mukhopadhyay. Indian Journal of Forensic Medicine & Toxicology, 2021; 15(3).
6. Rationale of potency test as performed on alleged accused of sex offences in age old forensic practice. Indian Journal of Forensic Medicine & Toxicology, 2021; 15(3).
 7. Correlation of sex and BMI with fusion of human sternum in Bengali population from dead bodies sent for autopsy in NRSMCH morgue. Sayak Sovan Dutta, Sandip Mukhopadhyay, Subhajit Adhikary. Indian Journal of Forensic Medicine & Toxicology. 2021;15(3).
 8. An integrated autopsy based study on variations in origin of right and left hepatic arteries and cystic artery in light of Hepato-Biliary surgery. Puloma Chakraborty, Sayak Sovan Dutta, Sandip Mukhopadhyay. Indian Journal of Forensic Medicine & Toxicology, 2021;15(3).
 9. A study on autopsy findings of different types of poisoning cases at NRSMCH morgue who were admitted and expired at NRS Medical College and Hospital, Kolkata. Sayak Sovan Dutta, Sandip Mukhopadhyay, Apurba Biswas. Indian Journal of Forensic Medicine & Toxicology.2021;15(3).
 10. A study on socio-demographic factors associated with different types of poisoning cases at NRSMCH morgue who were admitted and expired at NRS Medical College and Hospital, Kolkata. Sayak Sovan Dutta, Sandip Mukhopadhyay, Apurba Biswas. Indian Journal of Forensic Medicine & Toxicology. 2021;15(3).

Ongoing Research Work :

1. Mortuary based studies on estimation of Post Mortem interval from Morphometry and development of Maggots under hot and humid conditions of Kolkata (Ph.D. Program). Principal investigator: Mr. Somasish Ghosal, Principal supervisor: Dr. Subhankar Kumar Sarkar, Co-supervisor: Prof.(Dr.) Saurabh Chattopadhyay, Dr. Achintya Biswas.
2. A study to assess the viability of post mortem blood for transfusion. Principal investigator: Prof.(Dr.) Saurabh Chattopadhyay, Co-investigators: Prof. Soma Gupta, Dr. Sayak Sovan Dutta, Dr. Subhajit Adhikary, Ms. Dipti Saha.
3. Assessment of microbiological profile from surgically intervened and post operative wounds in fatal road traffic injury cases. Principal investigator: Prof.(Dr.) Saurabh Chattopadhyay, Co-investigators: Prof. Swagata Ganguly Bhattacharjee, Dr. Sayak Sovan Dutta, Dr. Kabita Choudhury, Dr. Ankita Chunakar.
4. Gross and histopathological changes in gastrointestinal tract in a case of acute transoral paraquat poisoning. Principal investigator: Dr. Moumita Bala (Final year PGT), Co-investigators: Dr. Sayak Sovan Dutta, Prof. Anup Roy, Prof. Saurabh Chattopadhyay, Dr. Ankita Chunakar.
5. Assessment of mental health of accused and survivors of willfull sexual intercourse booked under POCSO Act. Principal investigator: Dr. Ankita Chunakar, Co-investigators: Dr. Sayak Sovan Dutta, Dr. Sayanti Ghosh, Prof. Saurabh Chattopadhyay, Dr. Moumita Bala.

Awards :

1. "A Nick To Death- An unusual case report of stab injury"- Dr. Rohit Sarkar (1st year PGT)- awarded 1st prize in PG (Junior Resident) category at BAFMCON 2022.
2. Mortuary based studies on estimation of Post Mortem interval from Morphometry and development of Maggots under hot and humid conditions of Kolkata (Ph.D. Program)- Mr. Somasish Ghosal (Ph.D scholar)- awarded 1st prize in Ph.D category at BAFMCON 2022.
3. Assessment of histopathological changes in the thyroid gland of fatal burn patients – a cross-sectional study- Ms. Dipti Saha (3RD Prof. Part 1 MBBS student) – awarded 1st prize in UG category at BAFMCON 2022.

FACULTY MEMBERS

PROFESSORS

Dr. Tapan Kumar Maiti - HOD
Dr. Anuradha Phadikar, Dr. Runa Bal

ASSOCIATE PROFESSORS

Dr. Shibram Chattopadhyay, Dr. Swapan Das

ASSISTANT PROFESSORS

Dr. Abhimanyu Gayen, Dr. Samaresh Malo, Dr. Priyadarshi Mandal, Dr. Debraj Basu,
Dr. Nabanita Dasgupta, Dr. Subrata Gayen, Dr. Debasish Char

RMO CUM CLINICAL TUTOR

Dr. Arindam Saha, Dr. Palash Paul, Dr. Krishnendu Goswami, Dr. Sharmistha Ganguly,
Dr. Arnab Kr. Koley, Dr. Anuvati Nag, Dr. Sanjib Sankar Mandal, Dr. Rames Ranjan Halder,
Dr. Doyel Pradhan, Dr. Naba Kumar Saha

POST GRADUATE TRAINEES (3rd Year)

Dr. Bikram Mondal, Dr. Mansi Khemka, Dr. Swapna Lakhota, Dr. Anusree Aich, Dr. Ayushi Chandani,
Dr. Angsula Naha, Dr. Mampi Khatun, Dr. Atanu Das, Dr. Reshma Khatun, Dr. Indrajit Majumdar,
Dr. Raj Shree, Dr. Nityaranjan Gayen

POST GRADUATE TRAINEES (1st Year)

Dr. Pritam Dey, Dr. Kumari Anjali, Dr. Debarun Das, Dr. Neha Roy, Dr. Kaushik Bhagat, Dr. Santanu Halder,
Dr. Sohini Sardar, Dr. Swayang Prava Nandy, Dr. Preeti Pandey, Dr. Zeenat Parween, Dr. Ayesha Sadaf,
Dr. Arunima Guha

NON - TEACHING STAFF

MT (Lab)

Nilanjana Ghosh (Mukherjee), Swati Kar Chowdhury, Sandeep Kumar Saradar

COUNSELLOR

Oly Sarkar (Ghosh), Pampa Banerjee, Sulagna Banerjee

GENERAL DUTY ATTENDANT

Kalpana Deb, Subhajit Rakshit, Pratap Hela, Md Asif Ahammed, Sikha Chakraborty, Santi Dey,
Arati Mondal, Sujata Da, Madhumita Ghosh, Ashim Ghosh

Dissertations in last one Year (Oct 2021 to Sept 2022)

1. A Case Control Study to Evaluate Risk Factors of Ectopic Pregnancy – by Dr. Anusree Aich
2. Serum LDH Level in Preeclampsia and it's Correlation with Maternal and Perinatal Outcome – by Dr. Reshma Khatun
3. Study of Foeto-Maternal Outcome of Pregnancies Complicated by Heart Disease in a Tertiary Care Centre – by Dr. Angsula Naha

4. A Study of Fetomaternal Outcome in Relation to Previous Caesarean Deliveries– by Dr. Atanu Das
5. A Prospective Observational Study of Feto-Maternal Outcome in Post Dated Pregnancy (>40weeks) – by Dr. Ayushi Chandani
6. Maternal Pappa Levels in Late First Trimester as a Predictor of Miscarriage – by Dr. Mansi Khemka
7. Study of Metabolic and Endocrinological Parameters of Polycystic Ovarian Syndrome Patients: Comparision Between Obese and Non-Obese Women – by Dr. Raj Shree
8. Study of Foeto-Maternal Outcome in Pregnancies with First-Trimester Bleeding Pervagina – by Dr. Mampi Khatun
9. A Compararitive Study to Assess the Efficacy of Antenatal Corticosteroids for Women at Risk of Late Preterm Delivery – by Dr. Swapna Lakhotia
10. Maternal and Perinatal Outcome in Cases of Preterm Premature Rupture of Membrane – A Prospective Observational Study – by Dr. Indrajit Majumdar
11. Prospective Observational Study of Risk Factors and Fetomaternal Outcome of Placenta Previa in a Tertiary Care Center – by Dr. Bikram Mondal
12. A Study on Fetomaternal Outcome in Cases with Premature Rupture of Membrane – by Dr. Nityarnjan Gayen

Publications (Oct 2021 to Sept 2022)

1. Evaluation of Acceptability, Safety, Efficacy and Outcome of Postplacental IUCD Insertion in Women Undergoing both Vaginal Delivery and Caesarean Section – A Cohort Study - By Dr. Shibram Chattopadhyay
2. Fetomaternal Outcome in Pregnancy with Covid- 19 Infection in a Tertiary Care Hospital in Eastern India – by Dr. Swapan Das and Dr. Debasish Char

Achievement by the students :

1. Dr. Dipika Roy, Senior Resident, Dept. of G&O, has won 2nd prize E poster on Laparoscopic gonadectomy in swyer syndrome success outcome.

FACULTY MEMBERS

PROFESSORS

Dr Tuphan Kanti Dolai - HOD
Dr Prakas Kumar Mandal, Dr Rajib De

ASSOCIATE PROFESSORS

Dr Shuvra Neel Baul, Dr Sandeep Saha

ASSISTANT PROFESSORS

Dr Subham Bhattacharya, Dr Abhishek Sharma

MEDICAL OFFICER

Dr Sarmistha De, Dr Tuhin Shubhra Gain, Dr Riya Mukherjee

POST GRADUATE TRAINEES (3rd Year)

Dr. Rishu Vidhatri, Dr. Kazi Bilal Shoeb, Dr. Kusumita Mandal

POST GRADUATE TRAINEES (2nd Year)

Dr. Shipla Roy, Dr. Abhishek Kumar, Dr. Apurba Banerjee

POST GRADUATE TRAINEES (1st Year)

Dr. Kaustav Ghosh, Dr. Chirasree Sanyal

NON - TEACHING STAFF

MOLECULAR BIOLOGIST

Dr Aditi Sen

Dissertations in last one Year (Oct 2021 to Sept 2022)

1. Dr. Shipla Roy : Efficacy and Safety of rituximab as frontline therapy for eradication of inhibitors in congenital Hemophilia A.
2. Dr. Abhishek Kumar : Efficacy and safety of zoledronic acid in thalassemia bone disease.
3. Dr. Apurba Banerjee: Study of efficacy and safety of Dasatinib 50mg in newly diagnosed patients of CML CP.
4. Dr. Kaustav Ghosh : A Study on outcome of low dose azacytidine in patients of lower risk myelodysplastic syndromes
5. Dr. Chirasree Sanyal : Outcome assessment of phenotypic matched packed red blood cell (PRBC) transfusion in thalassemia patients, in relation to Allo & Autoantibody formation and transfusion requirement

Publications (Oct 2021 to Sept 2022)

1. Baul SN, Baveja A, Mandal PK, De R, Dutta S, Dolai TK. A glimpse into translocation (8; 21) in acute myeloid leukemia: Profile and therapeutic outcomes from a tertiary care hematology center from East India. J Hematol Allied Sci 2022; 2:85-90.
2. Dolai TK. Hematology education and training in India in 2022 – Scope and the hope. J Hematol Allied Sci 2022;2:59-61.

3. Kazi BS, Dolai TK, Sen A, Das R. Pyruvate kinase deficiency: A rare cause of hemolytic anemia: A case report from NorthEastern India. *J Hematol Allied Sci* 2022;2:99-100.
4. Dutta A, De R, Dolai TK, Halder A. Analyzing the relation between cytokine IL-2 and cytogenetic abnormalities in acquired aplastic anemia patients. In *Contemporary Medical Biotechnology Research for Human Health* 2022 Jan 1 (pp. 57-65). Academic Press.
5. Jitani AK, Dutta S, Mandal PK, De R, Jajodia E, Baul S, Chakrabarti P, Dolai TK. Utility of 18F-fluorodeoxyglucose PET-CT scan in detecting bone marrow involvement in lymphoma. *Indian Journal of Medical Research*. 2021 Nov 1; 154(5):691-8.
6. Sen A, Sen A, Dolai TK. Diagnostic Dilemma of Hemoglobinopathies Using High Performance Liquid Chromatography Alone: A Case Report from a Resource-Constrained Setting. *Hemoglobin*. 2022 May 16:1-4.
7. Rahaman M, Mukherjee M, Bhattacharya S, Mukherjee B, Shukla PC, Dolai TK, Chakravorty N. Exploring the crosstalk between long non-coding RNAs and microRNAs to unravel potential prognostic and therapeutic biomarkers in β -thalassemia. *Molecular Biology Reports*. 2022 Jun 18:1-2.
8. Sen A, Sahana PK, Chakrabarti P, Ghosh P, Dolai TK, De R. Abnormal glucose homeostasis in patients of HbE β -thalassemia: Prevalence and possible pathogenesis using the Oxford HOMA model. *Journal of Hematology and Allied Sciences*. 2022 Oct 21; 2(2):46-54.
9. Dolai TK, Jain M, Mahapatra M. Idiopathic Aplastic anemia: Indian Perspective. *Indian Journal of Hematology and Blood Transfusion*. 2022 Oct 31:1-4.
10. Mandal, Prakas & Vidhatri, Rishu. (2022). Changes in hematological and other laboratory parameters in COVID-19 infection. *Journal of Hematology and Allied Sciences*. 1. 1-8. 10.25259/JHAS_5_2022.
11. Vidhatri, Rishu. (2021). The potential underestimated side effect of hydroxyurea. *Journal of Hematology and Allied Sciences*. 1-2. 10.25259/JHAS_16_2021
12. Sinha, Swapan & Vidhatri, Rishu & Pal, Debes & Gupta, Balaram. (2021). Kasabach Merritt syndrome in a 28-year-old female: A strange case report. *Journal of Hematology and Allied Sciences*. 1. 1-3. 10.25259/JHAS_22_2021
13. Vidhatri, Rishu. (2022). Orange-red urine excreting the abnormal contents. *Journal of Hematology and Allied Sciences*. 1-2. 10.25259/JHAS_32_2021.
14. Mandal, Prakas K, Vidhatri, Rishu and Gantait, Debasis. "Osseous bilateral pseudotumour of the thumb in severe haemophilia A – A case report" *The Journal of Haemophilia Practice*, vol.9, no.1, 2022, pp.36-40-
15. Mateos, M.V., Gavriatopoulou, M., Facon, TK Dolai et al. Effect of prior treatments on selinexor, bortezomib, and dexamethasone in previously treated multiple myeloma. *J Hematol Oncol* 14, 59 (2021).
16. Richard S, Chari A, Delimpasi S, Simonova M, Spicka I, Pour L, Kriachok I, Dimopoulos MA, Pylypenko H, Auner HW, Leleu X, TK Dolai et al. Selinexor, bortezomib, and dexamethasone versus bortezomib and dexamethasone in previously treated multiple myeloma: Outcomes by cytogenetic risk. *American journal of hematology*. 2021 Sep;96(9):1120-30.
17. Pradhan S, Hore S, Maji SK, Manna S, Maity A, Kundu PK, Maity K, Roy S, Mitra S, Dam P, Mondal R. Study of epidemiological behaviour of malaria and its control in the Purulia district of West Bengal, India (2016–2020). *Scientific reports*. 2022 Jan 12;12(1):1-1.
18. Dolai TK, Sen A. Vaccination for the novel coronavirus disease in hematological disorders. *Journal of Hematology and Allied Sciences*. 2021 Dec 7;1(2):59-68.
19. Sen A, Chattopadhyay A, Baul SN, De R, Mitra S, Dolai TK. Profile of patients with Myelodysplastic

syndrome: A report from a tertiary care teaching hospital from Eastern India. Journal of Hematology and Allied Sciences. 2021 Dec 7;1(2):69-74.

20. Tripathy I, Panja A, Dolai TK, Mallick AK. Comparative Efficacy and Safety Between Deferiprone and Deferasirox with Special Reference to Serum Ferritin Level and Cardiac Function in Bengali β -Thalassemia Major Children. Hemoglobin. 2021 Nov 10:1-7.
21. Jagannath S, Facon T, Badros AZ, Levy M, Moreau P, Delimpasi S, Simonova M, Spicka I, Kriachok I, Gavriatopoulou M, Pylypenko H. Clinical Outcomes in Patients (Pts) with Dose Reduction of Selinexor in Combination with Bortezomib, and Dexamethasone (Xvd) in Previously Treated Multiple Myeloma from the Boston Study. Blood. 2021 Nov 23;138:3793.
22. Bahlis NJ, Richard S, White DJ, Grosicki S, Chen C, Delimpasi S, Sutherland HJ, Maslyak Z, Sebag M, Gavriatopoulou M, Lentzsch S. Effects of Cytogenetic Risk on Outcomes in Multiple Myeloma Treated with Selinexor, Bortezomib, and Dexamethasone (Xvd). Blood. 2021 Nov 23; 138:1634.
23. Mukherjee M, Rahaman M, Ray SK, Shukla PC, Dolai TK, Chakravorty N. Revisiting fetal hemoglobin inducers in beta-hemoglobinopathies: A review of natural products, conventional and combinatorial therapies. Molecular Biology Reports. 2021 Nov 25:1-5.
24. Sen A, Seenappa V, Chakrabarti P, Dolai TK. First Report of the 3'-Untranslated Region+ 1506 (A> C) [NM_000518. 5: c.* 32A> C] mutation on the β -Globin Gene in the Indian Population. Hemoglobin. 2021 Dec 9:1-4.

Book Chapter

Approach to Pancytopenia. Tuphan Kanti Dolai, API annual book 2023.

Conference & CME Program (State/National level) arranged by the Department

- a) BESHCON 2022- Held on 18th and 19th February 2022
- b) HAEMATOCON 2022 – Held on 3rd November to 6th November 2022
- c) Clinical meeting under Bengal Society of Haematology and ISHBT

Guest Lectures Delivered in Hematology

- i) Basis of PET CT and it's role in hematological malignancies by Dr. A. R. Santra
- ii) Enteral and parenteral nutrition in patients with hematological malignancies by Nutritionist CUDDLES foundation
- iii) Management of Gaucher's disease by Dr. K. Mandal
- iv) Digital morphology is the next chapter in Hematology by Dr. G. G. Bhagwat
- v) Red Cells Past, Present and Future - Dr Narla Mohandas, Distinguished Scientist, New York Blood Center, Vice President, American Society of Hematology.
- vi) Molecular Genetics in Laboratory Diagnosis - Dr Sarjana Dutt

Achievement by the Students

Dr Rishu Vidatri : Haematology quiz--1st Prize XVth Haematology Update Vadodara 2021

Achievement by the Faculty Members

Dr Tuphan Kanti Dolai

- a) Selected in the post of 'Secretary' in the Indian Society of Haematology and Blood Transfusion
- b) Member of Institutional Stem cell Ethics Committee (IEC) of School of Tropical Medicine
- c) Organising Secretary of annual Hematology Conference HAEMATOCON 2022 (3rd – 6th November 2022)

- d) Delivered 20 lectures as faculty in different National and International meeting during the last 1 year.

Oral and Poster Presentations

Dr. Rishu Vidhatri

- i) Assessment of Tyrosine Kinase Inhibitor Kinase Domain (TKI-KD) mutation status in Chronic Myeloid Leukemia (CML) patients with imatinib failure: Experience from a tertiary care center of Eastern India-HEMATOCON 2021
- ii) The clinical phenotype of Polycythemia Vera in reference to JAK2V617 mutation status: A single-center experience from eastern India-HEMATOCON 2021
- iii) Pre-harvest peripheral blood CD34 positive cell count as a predictor of stem cell dose in patients undergoing autologous stem cell transplant: A Retrospective Study. ISBMT 2021
- iv) Study of red blood cells surface exposure of phosphatidylserine and its correlation with hypercoagulable state in Thalassemia patients. (1st prize oral presentation BESCHON 2021)
- v) Differential Erythrocyte Phosphatidylserine Exposure Is Associated with Variations in Clinical and Haemostatic Parameters: A Study Involving E- β and β Thalassemia Compared to Normal Population. The 64th American Society of Haematology annual conference 2022.

Dr. Kusumita Mondal

- i) Comparison of level of fibrinogen before and after first dose of L Asparaginase in induction phase in patients of ALL in a Tertiary Care Hematology Center of Eastern India. (Hematocon 2021)
- ii) Etiological Spectrum of Pancytopenia without Organomegaly and Lymphadenopathy based on Bone Marrow Study in Tertiary Care Hematology Centre of Eastern India. (Hematocon 2021). (Send for publication in JHAS)
- iii) Lawton IADL score (CGA): A simple and time efficient tool for guiding the treatment of patients with Multiple Myeloma in a tertiary care center of eastern India. (BeSHCON 2022) (Oral presentation)

Poster presentation in Haematocon 2022

Dr Shipla Roy

- i) Efficacy and safety of Rotuximab for eradication of inhibitors in congenital hemophilia A
- ii) Surveillance stool culture sensitivity pattern in patients undergoing stem cell transplant

Dr Abhishek Maurya

- i) Analysis of etiology of mortality in hematological malignancy from Hematology ward of a tertiary health care centre
- ii) Multi drug resistance organism associated sepsis in neutropenic patients with hematologic malignancy: A cause of concern

Dr Apurba Banerjee

- i) Aberrant antigenic expression in acute leukemia : Study from a tertiary care centre in West Bengal
- ii) A study of the role of Decitabine maintenance in AML in a tertiary care teaching hospital in West Bengal

Dr Kaustav Ghosh

- i) A study on outcome in patients of myelodysplastic syndrome treated with Inj azacytidine
- ii) A study on outcome of patients with early T cell precursor acute lymphoblastic leukaemia (ETP ALL) treated with BFM 2002 protocol as frontline therapy in a tertiary care hospital

Dr Chirasree Sanyal

- i) Outcome of Immunosuppressive therapy in patients with acquired aplastic anemia : Experience from a Tertiary care hospital in West Bengal
- ii) Outcome of prenatal diagnosis by chorionic villus sampling in pregnant women with thalassemia trait: A retrospective study from a tertiary care centre in West Bengal

Ongoing Projects

1. "Cytogenetic characterization of acute promyelocytic leukemia (APML) and its clinical relevance" DST-BT, West Bengal. [PI- Dr. Shuvra Neel Baul]
2. A Geographical Information System based analysis of Leukemia registry data in West Bengal. DST-BT, West Bengal [PI- Dr. Prakas Kumar Mandal]

Ongoing Clinical Trials

- a) An open-label, multi-center, Phase IV Clinical Trial to evaluate disease response of Carfilzomib Injection with patients relapsed or refractory multiple myeloma who have received one to three lines of therapy. [PI: Dr Tuphan Kanti Dolai]
- b) A Phase 3 Randomized Double Blind Placebo Controlled Study Investigating The Efficacy And Safety Of Roxadustat (FG-4592) For Treatment Of Anemia In Patients With Lower Risk Myelodysplastic Syndrome (MDS) With Low Red Blood Cell (RBC) Transfusion Burden (LTB). [PI: Dr Tuphan Kanti Dolai]
- c) A randomised open - label, phase 3 study to Evaluate Imetelstat (GRN163L) Versus Best Available Therapy (BAT) in patients with intermediate-2 or high -risk (MF) Refractory to Janus Kinase)JAK – inhibitor. [PI: Dr Tuphan Kanti Dolai]
- d) Safety and efficacy study of Azadine® (azacitidine) in treatment of Myelodysplastic syndrome in Indian patients. [PI: Dr Tuphan Kanti Dolai]
- e) A prospective, single-arm, multicentre study to assess safety and efficacy of Romy® (Romiplostim Powder for Injection) (Intas Pharmaceuticals Ltd., India) in patients with chronic refractory immune (idiopathic) thrombocytopenic purpura (ITP). [PI: Dr Tuphan Kanti Dolai]
- f) A Phase II, Randomized, Parallel, Open-Label Study to Investigate the Safety, Efficacy, and Pharmacokinetics of Various Dosing Regimens of Single Agent Belantamab Mafodotin (GSK2857916) in Participants with Relapsed or Refractory Multiple Myeloma (DREAMM14) [PI: Dr Tuphan Kanti Dolai].
- g) A Phase 3, prospective multi-centre, open label study to investigate safety, immunogenicity and hemostatic efficacy of pegylated factor VIII (BAX855) in previously untreated patients < 6 years with severe Hemophilia A. (PI: Dr. Prakas Kumar Mandal).
- h) A Phase III Randomized, Double-blind, multicentre Study to Compare the Efficacy, Safety, Pharmacokinetics, and Immunogenicity between SB12 (proposed eculizumab biosimilar) and Soliris® in Subjects with Paroxysmal Nocturnal Haemoglobinuria. (PI: Dr Prakas Kumar Mandal).
- i) A multicenter, open-label, randomized, phase III clinical trial to evaluate efficacy and safety of PF-114 versus imatinib at 600 or 800 mg daily in adult patients with Philadelphia chromosome positive (Ph+) chronic myeloid leukemia (CML) in the chronic phase (CP) resistant to imatinib at daily doses of 400 or 600 mg". [PI- Dr Tuphan Kanti Dolai]
- j) An Indian Multi-centric Phase IV study to assess the safety of Crizanlizumab with or without hydroxyurea therapy in sickle cell disease patients with vaso-occlusive crises. ". [PI- Dr Tuphan Kanti Dolai]
- k) Burden of Vaso-Occlusive pain crisis: A Cross-sectional observational study among patients with sickle cell disease in India. [PI- Dr Tuphan Kanti Dolai]

FACULTY MEMBERS

PROFESSORS

Dr. Milan Chakraborty- HOD
Dr. Subrata Kumar Pal, Dr. Sukdeb Das, Dr. Arijit Sinha

ASSISTANT PROFESSORS

Dr. Sahid Imam Mallick, Dr. Sanjay Sarkar, Dr. Souvonik Mandal, Dr. Apurba Bikash Pramanick,
Dr. Manamita Mandal, Dr. Souren Pal, Dr. Dibyajyoti Karmakar

RMO CUM CLINICAL TUTOR

Dr. Sandipan Chatterjee, Dr. Badal Kumar Sahu, Dr. Sourav Pradhan (Rheumatology), Dr. Sougata Ghosh,
Dr. Amit Kumar Das, Dr. Rojina Choudhury, Dr. Amanul Haque, Dr. Sandip Tudu

SENIOR RESIDENTS

Dr. Biva Bhakat, Dr. Basundhara Saha, Dr. Abhijit Nandi, Dr. M.A. Masud Reza, Dr. Hasim Reza,
Dr. Shalini Halder, Dr. Joy Karmakar, Dr. Sirsendu Sen, Dr. Pragnya Ghosh Dastidar, Dr. Amitesh Ranjan,
Dr. Soumya Das, Dr. Aftab Alam

POST GRADUATE TRAINEES (3rd Year)

Dr. Amit Bagrodia, Dr. Satyadip Sarkar, Dr. Sanjukta Dey, Dr. Aradhya Sekhar Bagchi, Dr. Ritwik Ghosh,
Dr. Sashwat S.S. Tarenia, Dr. Shuvojit Mondal, Dr. Koushik Majumdar, Dr. Soumil Bera,
Dr. Rajarshi Halder, Dr. Ujjal Kumar Batabyal, Dr. Joydeep Mahato

POST DOCTORAL TRAINEES (2nd Year)

Dr. Peuli Hore, Dr. Debolina Kumar, Dr. Rajat Kumar sadhukhan, Dr. Tejsuvra Chaudhury,
Dr. Projwal Kr. Sardar, Dr. Snehasish Paul, Dr. Mahananda Mandal, Dr. Debdeep Sarkar,
Dr. Christopher Rolawmum Infimate, Dr. Anwesha Barman, Dr. Ranjan Kumar Dey,
Dr. Gazi Abesh Agni

Dissertations in last one Year (Oct 2021 to Sept 2022)

Current problems research works by MD Medicine PGTs

1. Dr. Amit Bagrodia : Prevalence of thyroid dysfunction in bipolar spectrum disorder in a tertiary care hospital.
2. Dr. Satyadip Sarkar : A comparative study of plasma d-dimer level & NIHSS score among ischemic CVA patients as a short term prognostic factor.
3. Dr. Sanjukta Dey : A Cross Sectional Study on Cardiovascular Manifestations in Sero-positive RA Patients.
4. Dr. Aradhya Sekhar Bagchi : A Cross Sectional Study of Lipid Profile of CKD Patients at a Tertiary Care Hospital of Eastern India.
5. Dr. Ritwik Ghosh : A Study on The Correlation between Vitamin D Deficiency and Heart Failure in a Tertiary Care Hospital.

6. Dr. Sashwat S.S. Tarenia : A study of association between proteinuria and cerebrovascular accident.
7. Dr. Shuvojit Mondal : Study on Psychiatry Manifestation of SLE in a Tertiary Care Hospital.
8. Dr. Koushik Majumdar : A Clinico -Pathological Study of CKD with Evaluation of Pulmonary Hypertension and its Correlation with Stages of CKD according to Estimated GFR & Albuminuria.
9. Dr. Soumil Bera : Prevalence of Metabolic Syndrome in Stroke Patients in a Tertiary Hospital in Eastern India.
10. Dr. Rajarshi Halder : A Study of Association of the Auto antibody Rheumatoid Factor as an Independent Risk Factor for Ischemic Heart Disease in a Tertiary Care Centre in Eastern India.
11. Dr. Ujjal Kumar Batabyal : A Cross Sectional Study to Assess the Clinical Profile of Patients Presenting with Cardiorenal Syndrome in Tertiary Care Centre of Kolkata.
12. Dr. Joydeep Mahato : The Prevalence of Dyslipidemia Hyperglycemia among Stroke Patients in a Tertiary Care Centre.

Details of the sanctioned intake of PGT courses (MD, General Medicine), Recognised by the MCI :

12 Seats in General Medicine recognized by the MCI per year

Publications (Oct 2021 to Sept 2022)

1. A Typical HUS Causing Acute Kidney Injury in Snake Bite: An Uncommon Entity , Amitesh Ranjan, Aradhya Sekhar Bagchi, Subrata Kumar Pal, Souvonik Mandal, Angan Karmakar, JIMA, July 2021
2. Pulmonary veno-occlusive disease: a rare and enigmatic cause of pulmonary hypertension-a case report, Angan Karmakar, Biva Bhakat, The Egyptian Journal of Internal Medicine, 2021, 33, 6
3. Clinical Profile of Stroke and Correlation of NHSS, mRS with Special Reference to Homocysteine & Hypertension in a Tertiary care centre, Manamita Mandal, Amit Agarwal et. al. accepted for publication in The Rajasthan Medical Journal,
4. Burkitt's Lymphoma with an Unusual Cardiac Involvement; A Case Report, Soham Bhowmik, Nilay Chatterjee, M.D. Masud Reza, Arijit Sinha, JAPI, May 2022
5. Cardiovascular Involvement in patients with COVID-19 pneumonia : Observation from a tertiary care infectious disease Hospital, R.Roy, B.Maji, Y.Ray, Arijit Sinha, Heart India, 10, 1, 2022, 39-43
6. Predictive ability of Framingham Riskscore in Indian population-a retrospective study in a tertiary Hospital in patients with first ACS, S. Das, L. Biswas, T. Mukherjee, K.Biswas, Subrata Kumar Pal, Asian Journal of Medical Sciences, august-2022, Vol-13, issue-8
7. A study on Heart Failure with Preserved Ejection Fraction among patients of Type 2 Diabetes Mellitus in a tertiary care hospital, India: S Das, A Mullick, Subrata Kumar Pal; International J of health and Clinical Research 2022; 5(2)667-670
8. Extra pulmonary Tuberculosis complicated by focal segmental glomerulosclerosis-a-rare association, B. Bhakat, A. Karmakar, Sukdeb Das, Journal of the Indian Medical Association 2021, 119:51-3
9. Association of Neuropsychiatric systemic Lupus Erythematosus with type 1 Renal Tubular Acidosis-B. Bhakat, Sukdeb das, Chapter-53 in a book of 100 clinical cases , published by API, 2022
10. A prospective study to evaluate the possible role of cholecalciferol supplementation on Autoimmunity in Hashimoto's Thyroiditis, by B. Bhakat, sumit Kumar Chakraborty, Sukdeb Das, Sahid Imam Mallick, Vol= 120, No-7, July 2022

a) For MD students in General Medicine

- Monday - Journal Club and CPC
Tuesday - Case Presentation
Wednesday - Topic Presentation
Thursday - Case Presentation
Friday - Seminars or Faculty Class
Saturday - Rotational classes at different super - speciality Departments Regular Quiz Programme

b) For MBBS students:

- i. Regular Bed Side Clinics
- ii. Lecture classes as allotted by college authorities.
- iii. Demonstrations

c) Details of CME Programme, Conference, Academic Activities

- i) Participation of on Line webinars, conferences of API, IRA, CSI, ESI, APINB, IAN by our faculties & PG students
- ii) Our department is involved in online consultation with Swasthya Ingit
- iii) Some of our faculty members completed Basic Course in Biomedical Research, RBCW, CISP training

Achievements of Faculties & Students :

- i) API 28th Annual Conference, 2nd place in Medi-Quiz, Dr. Aradhya Sekhar Bagchi, Dr. Amit Bagdoria, Dr. Satyadip Sarkar
- ii) API W.B. Chapter 1st prize in case presentation , Dr. Biva Bhakat
- iii) IRA W.B. Chapter Rheumatology Quiz, 3rd prize, Dr. Biva Bhakat, Dr. Mayukh Roy
- iv) 3rd position in IACMCON Quiz and 3rd prize in poster presentation, Dr. Aradhya Sekhar Bagchi, Dr. Satyadip Sarkar, Dr. Amit Bagrodia
- v) 2nd runner up in IRA Quiz , Dr. Amit Bagrodia, Dr. Satyadip Sarkar
- vi) 1st prize in Bengal Health and Lifestyle quiz 2022, Dr. Aradhya Sekhar Bagchi
- vii) 1st prize in quiz at Siliguri APICON (SAPICON), Dr. Ritwik Ghosh, Dr. Aradhya Sekhar Bagchi, Dr. Satyadip Sarkar
- viii) 2nd runner up in Quiz, IRACON, Dr. Subhojit Mondal , Dr. Satyadip Sarkar
- ix) 2nd prize in Poster Presentation, SAPICON, 22, Dr. Subhojit Mandal

Result of all the examinations of last one year :

- i) MD- all students passed in 1st attempt
- ii) MBBS- all except 8 students passed in 1st attempt and 8 students passed in 2nd attempt

Detailed status of recognition of all the courses :

- i) Department runs MD (General Medicine) course and has capacity of 12 admissions per year.
- ii) All seats are recognized by MCI.

FACULTY MEMBERS

PROFESSORS

Prof (Dr) Jayanta Bikash Dey - HOD
Prof (Dr) Swagata Ganguly Bhattacharjee

ASSOCIATE PROFESSORS

Dr Swati Basu, Dr Soma Sarkar (Pan), Dr Poulami Nandi, Dr Purnima Mondal, Dr Ranjan Basu

ASSISTANT PROFESSORS

Dr Somanjana Ghosh, Dr Somnath Bhunia

DEMONSTRATOR

Dr Kabita Choudhury, Dr Senjuti Basu, Dr Soma Sil Mullick

SENIOR RESIDENT : Dr Chayanika Banerjee

POST GRADUATE TRAINEES (3rd Year)

Dr Cizarina Roy, Dr Shruti Chakraborty, Dr Abhiparna Roy

POST GRADUATE TRAINEES (2nd Year)

Dr Suman Kundu, Dr Aritri Mondal, Dr Tanvi Mallik

POST GRADUATE TRAINEES (1st Year)

Dr Ankita Banik

NON - TEACHING STAFF

MT (Lab)

Mr Nitish Mondal, Mr Siddharta Sankar Das, Ms Piyali Bose, Mr Chandan Deb (Store Keeper),
Ms Sahina Khatun, Mr Sankar Maity (ICTC), Mr Koushik Pramanik (Project)

ICTC, COUNSELLOR

Ms Nandini Singha Roy, Ms Shakuntala Biswas, Ms Briti Makar, Ms Moumita Mukherjee

EXECUTIVE ASSISTANT, IDSP : Mr Debashish Saha

STORE KEEPER : Mr Joydeb Roy

GROUP D STAFF : Mr Gourango Sahoo

SWEEPER : Smt Bina Turi, Mr Raja Hela, Mr Rahul Mallick, Mr Rittik Sarkar

Dissertations in last Three Year (Oct 2019 to Sept 2022)

1. Dr Cizarina Roy : A study of clinical spectrum and outcome of Scrub typhus cases attending a tertiary care hospital, Kolkata
2. Dr Shruti Chakraborty : A study of clinical spectrum and outcome of Leptospirosis cases attending a tertiary care hospital in Kolkata
3. Dr Abhiparna Roy : Identification of carbapenem resistant genes among the clinical isolates of Enterobacteriaceae in a tertiary care centre, Kolkata

4. Dr Suman Kundu : A study on Dengue serotypes and atypical manifestations of Dengue infection in patients attending a Medical College, Kolkata, West Bengal
5. Dr Aritri Mondal : Profile of Candida species causing neonatal candidemia along with drug sensitivity pattern in a medical college in Kolkata, West Bengal
6. Dr Tanvi Mallik : A study on Multidrug resistant (MDR) and Extensively Drug Resistant (XDR) Gram negative Bacilli isolated from patients with urinary tract infection

Publications (Oct 2021 to Sept 2022)

1. Rahul Ballov, Mrinmoy Pathak, Jayanta Bikash Dey, Sanjit Kumar Patra, & Sohanjan Chakraborty. (2022). A Microbiological Study on Abrupt Rise of Mucormycosis Cases in the Backdrop of Covid-19 in a Tertiary Care Hospital in West Bengal. International Journal of Health and Clinical Research, 5(3), 257–260
2. Marak LK, Roy S, Mondal T, Sarkar M, Ghosh T, Dey JB. Evaluation of Slit-Skin Smear Against Punch Biopsy in Diagnosing Leprosy: A Cross-sectional Study in a Tertiary Care Centre of West Bengal. Avicenna Journal of Clinical Microbiology and Infection. 2021 Sep 29;8(3):84-8.
3. Roy C, Ganguly Bhattacharjee S, Datta S, Choudhury K (2022) Susceptibility Pattern of Blood Stream Infections in Neonatal Sepsis: Striking Alarm in Era of Antibiotic Resistance. International Journal of Research and Review. 2022; 9(8): 389-388.
4. Sikdar S, Sadhukhan S, Majumdar AK, Bhunia S, Sarkar S, Ganguly Bhattacharjee S (2021) Phenotypic Characterisation, Virulence Determination and Antimicrobial Resistance Pattern of Enterococcus Species Isolated from Clinical Specimen in a Tertiary Care Hospital in Kolkata. Journal of Clinical and Diagnostic Research 15(7): DC06-DC09.
5. Sikdar S, Bhunia S, Majumdar AK, Sarkar S, Ganguly Bhattacharjee S (2021) Inconclusive in COVID-19 Reverse Transcriptase-Polymerase Chain Reaction Test: A Diagnostic Dilemma. Int J Cur Res Rev 13 (11): S105–108.
6. Deb S, Choudhury K, Sarkar S, Mukherjee S, Ganguly Bhattacharjee S*, Pal NK(2021) Bacteriocin production by clinical isolates of 'Non fermenting Gram negative bacilli' – a ray of hope in the post antibiotic era. International Journal of Health and Clinical Research, 4(6):55–58.
7. Dutta S, Choudhury K, Banerjee C, Ghosh A, Sarkar S, Ganguly Bhattacharjee S* (2021) Study on Parameters of severity in Dengue infection with both NS1 antigen and Dengue IgM reactive on the same day in a tertiary care hospital, Kolkata. International Journal of Health and Clinical Research, 4(5):84–87.
8. Sarkar S, Das S, Choudhury K, Mukherjee S, Chatterjee R. Seroprevalence and Dynamics of anti-SARS-CoV-2 antibody among healthcare workers following ChAdOx1 nCoV-19 vaccination. Epidemiol Infect. 2022 Apr 25;150:1-20. doi: 10.1017/S0950268822000747. Epub ahead of print. PMID: 35465866; PMCID: PMC9068497

Achievement by Faculty Members

1. Prof. (Dr.) Jayanta Bikash Dey was the Joint Organizing Secretary of TROPACON 2022 for XVIth National Congress of the Indian academy of Tropical Parasitology held on 23-24 September 2022, at Medical College auditorium, Kolkata.
2. Prof. (Dr.) Swagata Ganguly Bhattacharjee, Dr Soma Sarkar, Dr Ranjan Basu, Dr Kabita Choudhury, Dr Soma Sil Mullick were part of the Organising Committee of TROPACON 2022

3. Prof. (Dr.) Swagata Ganguly Bhattacharjee was the Chairperson in a scientific session of MICROCON 2021 – Microbes & non-communicable diseases.

Prof. (Dr.) Swagata Ganguly Bhattacharjee was Chairperson in a scientific session of CIDSCON 2022 — Critical care ID.

Achievement by Post Graduate Trainees

1. Dr Anindya Ghosh passed MD Microbiology examination held in May June 2022.
2. Dr Cizarina Roy, Dr Shruti Chakraborty, Dr Abhiparna Roy attended IAMM PG assembly 2022.
3. Dr Shruti Chakraborty, Dr Aritri Mondal & Dr Tanvi Mallick attended CIDSCON 2022.
4. All the post graduate trainees attended TROPACON 2022

Departmental Achievements

Research Projects

1. “The Outcome of Dengue patients in co-relation with the NS1Ag, Viral load, Serotype, Dengue IgG with other laboratory and clinical parameters in North 24 Parganas, Nadia and NRS Medical College and Hospital, Kolkata” is funded by National Health Mission, Government of West Bengal .
2. “Leishmaniasis Elimination to eradication: model study in two endemic blocks of West Bengal” is a National Health Mission , Government of West Bengal funded project.
3. “Assessment of Microbiological profile from Surgically Intervened and Postoperative Wounds in Fatal Road Traffic Injury Cases.” along with Department of Forensic Medicine & Toxicology is under Committee of Research Promotion, NRS Medical College.
4. Hepatitis A & E testing by ELISA under IDSP has been initiated in the Department.
5. H1N1 is testing by TruNAAT regularly since last year.
6. A project on “Sero-prevalence of Chikungunya in Dengue cases in a tertiary care Hospital of Eastern India” under Committee of Research Promotion , NRS Medical College by Dr Kabita Choudhury was successfully completed.
7. Under the guidance of the faculties of the Department of Microbiology, the students of NRSMC made a stellar performance in UG quiz in TROPACON 2022 . The first prize was won by Jyotirbina Karmakar, Aishwariya Polley, Dattatreya Mitra. The second prize was won by Sarthak Pal, Ankita Chakrabarti, Baarniki Debnath. The third prize was won by Anoushka Bhattacharyya, Joydeep Saha, Kishaloy Chakraborty.

FACULTY MEMBERS

PROFESSOR

Prof. (Dr.) Pinaki Mukhopadhyay - HOD

ASSOCIATE PROFESSOR

Dr. Avisek Maity

ASSISTANT PROFESSOR

Dr. Manik Kataruka

CLINICAL TUTOR CUM DEMONSTRATOR

Dr. Barun Malik, Dr. Rubaiya Sahani

SENIOR RESIDENT

Dr. Arkaprabha Chakraborty, Dr. Abhishek Mukherji, Dr. Arindam Kargupta

POST GRADUATE TRAINEES (3rd Year)

Dr. Aniruddha Rudra, Dr. Abhishek Mukherji, Dr. Arindam Kargupta, Dr. Muhaiminul Islam Khan,
Dr. Ramita Sarkar, Dr. Amlan Kanti Biswas, Dr. Deep Mukhopadhyay, Dr. Kaushik Mondal,
Dr. Patel Architaben Ramanbhai

NON - TEACHING STAFF

MT (Lab)

Kalyan Kr Chattopadhyay

MT (DIALYSIS)

Alok Mondal, Surojit Santra, Ram Hari Dalai, Sk Sukuruddin, Nasir Mollah, Raju Dhara, Chandan Bera,
Subrata Karan, Arindam Masanta, Somnath Dhali, Subhankar Das, Sumashree Tarafder, Bishnu Das,
Pritam Bhattacharya, Santu Kumar Dhara

SISTER-IN-CHARGE

Pranati Mondal, Krishna Munshi

STAFF NURSE

Sudipta Sengupta, Rakhi Sarkar, Rupali Chakraborty, Mali Roy, Sudipta Dutta, Ria Samanta,
Debasmita Mazumder, Nibedita Karmakar, Sangita Dhara, Swagata Das, Manashi Purkait, Sayantani Giri,
Srabani Das Barman, Sweta Pal, Manowara Khatun

GROUP D STAFF

Navin Mirdha, Bacchu Halder, Ashok De, Punam Turi, Kiran Turi, Vikash Mirdha, Tapan Ghosh, Basudeb
Santra, Umesh Ram, Goutam Pramanik, Bablu Majhi, Bijoy Patra, Shyam Chandra Kishore

Dissertations in last Three Year (Oct 2019 to Sept 2022)

1. "Comparative Study Between Single Dose Rituximab Therapy Versus Multiple Dose Regimen in Idiopathic Membranous Nephropathy and it's Correlation with Peripheral Blood Cd19 Count" - Dr. Arindam Kargupta

2. "A Prospective Observational Study to Evaluate The Therapeutic Efficacy and Safety of Tolvaptan in Autosomal Dominant Polycystic Kidney Disease" - Dr. Aniruddha Rudra
3. "A Comparative Study of Early Versus Late Initiation of Renal Replacement Therapy in Patients with Acute Kidney Injury due to Snake Envenomation and its Impact on The Short-Term and Long-Term Outcome of The Kidney Function" - Dr. Abhishek Mukherji
4. "An Open Label Study to Compare Haemoperfusion and Conventional Therapy in Acute Paraquat Poisoning with Acute Kidney Injury"- Dr. Amlan Kanti Biswas
5. "A Randomized Open Label Study to Evaluate The Effect of Dapagliflozin in Patients with Non-Diabetic Proteinuric Chronic Kidney Disease"- Dr. Muhaiminul Islam Khan
6. "An Observational Study to Estimate The Prevalence of Acute Kidney Injury in Tropical Infections in a Tertiary Care Center and its Outcome" - Dr. Ramita Sarkar
7. "A Study to Evaluate The Correlation Between Serological Profile and Histopathology of Lupus Nephritis"- Dr. Deep Mukhopadhyay
8. "A Randomized Controlled Trial Between Mycophenolate Mofetil Plus Low Dose Prednisolone Versus High Dose Prednisolone Regimen in IGA Nephropathy Patients in A Tertiary Care Hospital"- Dr. Kaushik Mondal
9. "Comparative Study Between Modified Ponticelli Regimen and Combination Therapy with Rituximab, Low Dose Cyclophosphamide and Steroid for Idiopathic Membranous Nephropathy"- Dr. Patel Architaben Ramanbhai

Publications (Oct 2021 to Sept 2022)

1. P. Mukhopadhyay, Sishir Gang, Prakash Khetan, Deepak Varade, Venkata Ramkrishna Chinta, Siddharth Mavani, Umesh Gupta, S. Venkata Reddy, Sunil Rajanna, Tarun Jeloka, Vivek Ruhela, Kevinkumar Kansagara, Pooja Kanani, Jayesh Bhatt, Kuldipsinh Zala, study investigation group "Desidustat in anaemia due to dialysis dependent chronic kidney disease": A phase 3 study(DREAM-D)
2. P. Mukhopadhyay, Rajdeep Bannerjee, Piyali bannerjee, Raghwendra Mishra, Roshnara Mishra "Epidemiology and clinical features of snake bite induced acute kidney injury patients in last decade and its long term outcome" - A single center experience.
3. Dhananjai Agrawal, Deepak Varade, P. Mukhopadhyay, Hardik Shah, Alam Nzar, Jaykumar Krishnan, Vineet Shukla, Chinta Ramkrishna, Mahel Chinthana, Bandra Galahityawa, Siddharth B. Mavani, Sunil Rajanna, PeetJikki, Shamila De Silva, Vivek Ruhela, Parshottam Koradia, Kevinkumar Kansagra, Pooja Kannani, Nitin Sharma, Kuldipsinh Zala, Deven Parmar, study investigation group "Desidustat in anaemia due to non dialysis dependent chronic kidney disease": A phase 3 study (DREAM-ND).

Conference & CME Programmes

1. World Kidney Day Celebration on 10/03/2022
2. CME on refractory hypertension (Speaker - Dr. Aniruddha Rudra & Dr. Pinaki Mukhopadhyay) on 17/05/2022
3. CME on peritoneal dialysis.

Achievements by the Faculties or Students

A. Dr. Pinaki mukhopadhyay

- i. Speaker in different seminars and webinars.
- ii. Speaker in golden jubilee Indian society of Nephrology annual conference held in Chandigarh.
- iii. Examiner of DM & DNB examination.
- iv. Received approval for clinical trial in IgA nephropathy.
- v. Received approval for DST project for snake bite biomarkers.
- vi. Paper accepted in world congress of Nephrology held in Abu Dhabi in 2020.

B. Dr. Avisek Maity

- i. Speaker and conducting different Nephrology awareness program throughout the year.
- ii. Examiner of students of diploma in dialysis technique course.

C. Dr. Manik kataruka

- i. Speaker and conducting different Nephrology awareness program throughout the year.
- ii. Examiner of students of diploma in dialysis technique course

Other achievements and improvements

1. Inauguration of 3 beds for day-care unit.
2. Inauguration of 3 beds in intensive care unit in Nephrology.
3. Inauguration of renal transplantation OT and recovery unit.
4. Eight successful renal transplantation.
5. Successfully ongoing DM Nephrology course.
6. Extension of haemodialysis services to 24hrs x 7 days and increasing the number of beds and haemodialysis machines.
7. Dedicated COVID-19 haemodialysis unit.
8. Extended peripheral dialysis services to other departments like Paediatric Nephrology, CTVS, CCU.

FACULTY MEMBERS

PROFESSOR

Prof. (Dr.) Amar Kumar Misra - HOD

ASSISTANT PROFESSORS

Dr. Joydeep Mukherjee, Dr. Manamita Mandal

SENIOR RESIDENT

Dr. Abhijeet Ajay Pillai, Dr. Annessh Bhattacharjee, Dr. Niraja Agasti, Dr. Sourav Nanda,
Dr. Bijendra Mohanty

POST DOCTORAL TRAINEES

Dr. Akash Manna, Dr. Tapasaya Nanda, Dr. Sourav Panda, Dr. Bonny Sen

Dissertations

1. Dr Annessh Bhattacharjee - A Study of Correlation of Vitamin D levels with Cognitive Decline in A Tertiary Care Hospital.
2. Dr Manoj Kr Roy - Comparative study of Evoked Potentials in Parkinson and Parkinson's Plus Syndrome.
3. Dr Nikhil Repaka - A Study of Etiological Profile Along with Visual and Auditory Evoked Potential in Patients of Non-Compressive Myelopathy in A Tertiary Care Hospital.
4. Dr Nirja Agasti - A Study on Correlation of Vitamin D Level with Optic Neuritis in Tertiary Care Hospital.
5. Dr Sourav Nanda - Cognitive Impairment in cerebellar disease and its correlation with P300 evoked related potential.
6. Dr Piden S Nguli - A Study of Clinical Spectrum Along With Visual Evoked Potential in Patients of Chronic Inflammatory Demyelinating Polyneuropathy in a Tertiary Care hospital.
7. Dr Bijendra Mohanty - A Study on Correlation Between RNFL Thickness in Spectrum of ALS Patients in Tertiary Care Hospital

Ongoing work in the Department

1. Dr Akash Manna - A Study on Effect of Botulinum Toxin in Adult Post Stroke Upper Limb Spasticity Among The patients Attending a Tertiary Care Hospital at Kolkata.
2. Dr Tapasaya Nanda - Effect of Botulinum Toxin Injection in Subject with Hemifacial Spasm with Special Reference to Quality of Life.

Prof (Dr) Amar Kumar Misra

1. Datta AK, Das D ,Bhattacharya KB , Bose P, Misra AK, Das SK. Frontal assessment battery in Parkinson's Disease; A study on 170 patients. Neurology India 2019; 67(2):433-438.
2. Pahari Ghosh, Amar Kr Misra, Anup Kr Bhattacharya, Namrata Trivedi, Arindam Ghosh, Ipsita Ghosh, Tapash Rudra, Rakesh Roy & Sanjay De (2012) The Effect of Tea in Cerebrovascular Disease, Studies on Ethno-Medicine, 6:3, 161-166, DOI: 10.1080/09735070.2012.11886434
3. Mandal A, Chatterjee S, Das SK, Mishra A. Drug safety monitoring in patients of movement disorders of a

tertiary care hospital. Indian J Pharmacol. 2010 Aug;42(4):249-51. doi: 10.4103/0253-7613.68437. PMID: 20927255; PMCID: PMC2941620.

4. Misra, Amar Kumar et al. 'Botulinum Toxin Type A in Subjects with Spastic Cerebral Palsy from Eastern India'. 1 Jan. 2010 : 349–357.
5. Gautami Das; Amar K. Misra; Shyamal K. Das; Kunal Ray; Jharna Ray (2009). Microtubule-associated protein tau (MAPT) influences the risk of Parkinson's disease among Indians. , 460(1), 0–20. doi:10.1016/j.neulet.2009.05.031
6. Das SK, Misra AK, Hazra A, Bhattacharya K. An open Level Clinical Trial to Evaluate the Efficacy and Safety of Pramipexole as a Monotherapy and as a Monotherapy and as an add on therapy in the treatment of parkinsons disease. JANEI 2008;8 (1):39-50
7. Misra AK, Roy A, Das SK. Parkinsonian presentation of SSPE; Report of two cases, Neurology Asia. December, 2008
8. Bhattacharya B, Hira R, Misra AK, Bose P, Basu S, Seshadri M. C, imca 1 catur1 and molecular genetics of adult onset dominant Cerebellar Ataxias m f t! n1 cBengalees of India. Basal Ganglia 2012;10: 1016.

Publications (Oct 2021 to Sept 2022)

1. Hepatitis B virus-induced CD4 lymphocytopenia: A rare cause of progressive multifocal leukoencephalopathy Mishra, A. K., Kumar, S., Agasti, N., Guha, G., Ghosh, S., Mohanty, B., Ngullie, P. S., & Mukherjee, J. (2022). Hepatitis B virus-induced CD4 lymphocytopenia: A rare cause of progressive multifocal leukoencephalopathy. Asian Journal of Medical Sciences, 13(10), 288–292. <https://doi.org/10.3126/ajms.v13i10.44407>
2. Relationship of low serum 25(OH)Vitamin D and dementia- a cross-sectional observational study from a neurology-teaching hospital in Eastern India: Relationship of low serum 25(OH)Vitamin D and dementia in Eastern India". Amar Kumar Misra, Annessh Bhattacharjee, Joydeep Mukherjee, Sanjay Kumar, Bijendra Mohanty: Asian Journal of Medical Sciences (accepted)
3. Retinal nerve fiber layer thinning found in Amyotrophic Lateral Sclerosis - correlated with disease duration and severity' manuscript number IJO_1870_22 for publication as a Original Article in the Journal. (accepted)
4. A study on clinical profile of hemifacial spasm in India and the therapeutic response to botulinum toxin type A injection as well as pre-and post-injection quality-of-life - Amar Kumar Misra, Joydeep Mukherjee, Sanjoy Kumar, Gautam Guha, Bijendra Mohanty, Piden S Ngullie, Akash Manna. Tapashya Nanda, Amit Kumar Das, Kamlesh Tewari (accepted)

FACULTY MEMBERS

PROFESSORS

Prof (Dr) Suniti Kumar Saha - HOD

Prof (Dr) Kaushik Roy

ASSOCIATE PROFESSOR

Dr Partha Sarathi Dutta

ASSISTANT PROFESSOR

Dr Krishnendu Sardar

SENIOR RESIDENT

Dr Shuvayu Bandyopadhyay, Dr Susangotu Choudhury

MEDICAL OFFICERS

Dr Gouranga Malakar, Dr Amitkumar Ghosh

RMO

Dr Arka Provo Mukherjee

POST DOCTORAL TRAINEES

Dr Amitkumar Gamit, Dr Arthelieu Sangma, Dr Abhirup Chakraborty, Dr Jiwesh kumar.

NON - TEACHING STAFF

Sumon Ghosh

Dissertations

1. Dr Amitkumar Gamit, A Clinical study on outcomes following Anterior Approach Surgery for Cervical Spondylotic Myelopathy. PG Guide: Prof (Dr) S.K.Saha, Prof (Dr) K.Roy
2. Dr Arthelieu Sangma, A Clinical study on Outcomes Of Posterior Fossa Brain Tumour Management In Paediatric Population. PG Guide: Prof (Dr) K.Roy, Prof (Dr) S.K.Saha

Publications (Oct 2021 to Sept 2022)

1. Dr Shuvayu, Prof S.k.Saha, Prof K.Roy, Dr Shushangotu- Pedicle Subtraction Osteotomy In Local Kyphotic Deformity : An Institutional Study. International Journal Of Science & Research: 2319-7064(2022)
2. Dr Shuvayu, Prof S.K.Saha, Prof K. Roy, Dr Shushangotu- Chronic Subdural Haematoma : A Comparative Study Of Burr Hole Craniostomy & Small Craniotomy In Tertiary Care Teaching Hospital - International Journal Of Science & Research. 2319-7064(2022)
3. Dr Shushangotu, Prof K. Roy, Prof S K Saha, Dr Shuvayu- Clinicopathological Study Of Post-Fossa Tumor - International Journal Of Science & Research. 2319-7064(2022)

4. Pathak D, Roy K, Saha SK, Ghosh P, Nadkarni A. Neuroenteric cysts without vertebral anomalies: An unusual presentation. *International journal of Current Research*, 2019 Mar 31;11(3):244-6
5. Roy K, Pathak D, Pahwa N. Contrecoup head injury: A two year experience. *International journal of Current Research*, 2019 May 1;10(3):59-61
6. Pathak D, Roy K, Saha SK, Pahwa N, Bachan A. Chronic subdural hematoma: A comprehensive study of burr-hole craniostomy and small craniotomy as initial management. *International Journal of Current Research*. 2018 Sep 30;10 (9): 73364-9
7. Bachan A, Roy K, Saha SK, Pathak D, Ghosh P, Nadkarni A, Pathak D. Spectrum of radiological presentations among the patients of intracranial metastasis. *Asian Journal of Medical Sciences*. 2019 Jun 20;10(4):32-8
8. Pahwa N, Saha SK, Roy K, Pathak D, Bandyopadhyay S. comparative study of expandable cage with integrated plate versus non expandable cage in cervical spine corpectomies. *Asian Journal of Medical Sciences*. 2020 Feb 6;11(2):86-8
9. Pahwa N, Saha SK. A rare case of cerebellopontine angle embryonal tumor *International Journal of Scientific Research*. 2020 March 10;9(3)
10. Bachchan, A., Roy, K., Saha, S. K., Pathak, D., Ghosh, P., & Nadkarni, A. (2019). Primary spinal peripheral primitive neuroectodermal tumor with acute presentation: A case report and review of literature. *Asian Journal of Medical Sciences*, 10(3), 59–61.
11. V, Sandeep B., Saha, S. K., Banga, M. S., & Ghosh, P. (2016). A rare case of intracranial malignant melanoma with an unusual presentation. *Asian Journal of Medical Sciences*, 7(6), 91–93.
12. V, S. B., Roy, K., Banga, M. S., & Ghosh, P. (2016). Intradiploic meningioma- A rare osteolytic calvarial lesion: A case report and review of literature. *Asian Journal of Medical Sciences*, 7(6), 103–105.
13. Roy, K., Ghosh, P., Saha, S. K., & Tripathy, P. (2019). Surgical outcome of intradural extramedullary meningiomas without dural resection – A study on 75 cases. *Asian Journal of Medical Sciences*, 10(3), 21–26
14. Roy K, Ghosh P, Sandeep, B.V., Jitendra Kumar, Saha, S.K., Ghosh S and Tripathy P. (2018) *International Journal of Current Research* 10, (10), 74196-74200.
15. Dixit, S., Banga, M. S., Saha, S. K., Roy, K., Ghosh, P., & BV, S. (2017). A study assessing the post operative outcome in patients of acoustic schwannoma operated through retrosigmoid approach at tertiary care institutions- An experience of one year. *Asian Journal of Medical Sciences*, 8(4), 44–49.
16. Delayed presenting traumatic Extradural Haematoma- whether surgery always necessary? – An experience in a tertiary care hospital. *Asian Journal of Medical Sciences*, 9(4), 41–45.
17. Partha Ghosh, Kaushik Roy, Suniti K. Saha. Unusual Clinical and Imaging Presentation of Chronic Subdural Hematoma. *Indian Journal of Neurotrauma* 2017; 14(02/03): 149-151.
18. Dixit S, Banga MS, Saha SK, et al. Management of Traumatic Orbital Fractures with Delayed Presentation at Tertiary Care Institutions: An Experience of 1 Year. *Indian Journal of Neurotrauma* 14(02/03).
19. Banga MS, Sandeep BV, Roy K et al. Contrecoup Head Injury: An Experience at a Tertiary Center. *Indian Journal of Neurosurgery* 06(2).

FACULTY MEMBERS

PROFESSORS

Dr. Ajoy Dey Sarkar - HOD
Dr. Udayaditya Mukhopadhyay, Dr. Krishnapada Baidya

ASSOCIATE PROFESSORS

Dr. Rupam Roy, Dr. Arkendu Chatterjee, Dr. Sudeshna Roy

RMO CUM CLINICAL TUTOR

Dr. Shreyangsi Biswas, Dr. Kusum Kumari Prasad, Dr. Sripurna Ghosh

SENIOR RESIDENT

Dr. Shreya Biswas, Dr. Riddhi Paik, Dr. Shubhra Alankrita Lakra, Dr. Sneha Bhowmick,
Dr. Debalina Ghanta, Dr. Samim Ahamed

POST GRADUATE TRAINEES (3rd Year)

Dr. Sunandan Modak, Dr. Kesha Shah, Dr. Shafaque Sahar

POST GRADUATE TRAINEES (SERVICE)

Dr. Srikanta Halder, Dr. Manoj kr. Sarkar, Dr. Sudipta Sankar Mallick

POST GRADUATE TRAINEES (1st Year)

Dr. Deepika Mardi, Dr. Shameek Rahaman, Dr. Ayan Chaudhuri, Dr. Neelam Mandal,
Dr. Madhurima Karmakar, Dr. Kalyan Shankar Acharjee

NON - TEACHING STAFF

MT (OPTOMETRIST)

Anirban Ghosh, Prasanta Paul

GDA : Rajmohon Ram

CLERICAL STAFF : Jayanta Mallick

SWEeper : Raghubir Das

Achievements by the Students

1. A Case-Control Study on Association of Dyslipidemia with Primary open Angle Glaucoma in A Tertiary Car Centre." Dr. Kesha Shah (3rd Yr. PGT), Guide Dr. Ajoy Dey Sarkar, (Professor & HOD) Department of Ophthalmology
2. A Comparative Study to Evaluate the Clinical Outcome of Conjunctival Limbal Autograft (CLAG) And Amniotic Membrane Transplantation (AMT) for the Treatment of Primary Pterygium. Dr. Shafaque Sahar (3rd Yr. PGT) Guide Dr. Udayaditya Mukhopadhyay, and Co- Guide Dr. Arkendu Chatterjee, Department of Ophthalmology
3. A Study on Clinical Spectrum of Herpes Simplex Eye Disease, Presenting In Ophthalmology O.P.D In a Tertiary Care Hospital. Dr. Sunandan Modak, (3rd Yr. PGT), Guide Dr. Somnath Mukhopadhyay

FACULTY MEMBERS

PROFESSORS

Dr. Gautam Bhattacharyya - HOD
Dr. Gopinath Maiti, Dr. Kiran Kr. Mukhopadhyay

ASSOCIATE PROFESSORS

Dr. Shubhendu Das, Dr. Chinmay Biswas

ASSISTANT PROFESSORS

Dr. Navneet Agarwal, Dr. Aniruddha Mondal, Dr. Gourab Chatterjee
Dr. Soumyadeep Dutta Roy

RMO CUM CLINICAL TUTOR

Dr. Bhaskar Chattopadhyay, Dr. Swarnava Dattagupta, Dr. Arumoy Bhuimali

MEDICAL OFFICER

Dr. Dipankar Mukhopadhyay

SENIOR RESIDENT

Dr. Bedanka Ray, Dr. Aurobindo Maji, Dr. Krishna Kant Soren, Dr. Rabindranath Chowdhury

POST GRADUATE TRAINEES (3rd Year)

Dr. David Doman Baskey, Dr. Sudip Ghosh, Dr. Shubhradeep Barai
Dr. Swarup Paul, Dr. Sirshendu Kheto

POST GRADUATE TRAINEES (2nd Year)

Dr. Sudipta Samanta, Dr. Sourav Das, Dr. Pinaki Roy, Dr. Arnab Panja

POST GRADUATE TRAINEES (1st Year)

Dr. Sayantan Mondal, Dr. Nilanjan Satpathi, Dr. Subhomoy Majee, Dr. Biswajit Dutta

PASSED M S ORTH. IN 2021

Dr. Bedanka Roy, Dr. Aurobindo Maji, Dr. Kanchan Gurung, Dr. Prosenjit Das

Dissertations (2018-2021)

1. A short term evaluation of limb reconstruction system as a primary and definitive mode of management in fresh open fractures both bones of leg.
2. Evaluation of role of infix in case of unstable pelvic fracture.
3. Evaluation of the outcome of combined anterior cruciate ligament and anterolateral ligament reconstruction in grade 3 anterior cruciate ligament tear with positive pivot shift cases.
4. A study of unicondylar knee arthroplasty (U.K.A) in classical medical compartmental osteoarthritis (M.C.O.A.) of knee.

Conference and CME Programs

1. CME Seminars (Departmental) on every working Thursdays
2. EILOT & WBOA Workshop on Spinal Injection Technique on 6th August 2022.

Achievements by the Faculties or Students

Prof. Dr. Gautam Bhattacharyya

1. Convener of M. S. Orthopaedics Examination
2. Examination Co-ordinator of various DNB Orthopaedics Examinations
3. Associated with various activities of National Board of Examination (NBE)

Prof. Dr. Kiran Kumar Mukhopadhyay

1. Central Executive Committee member –Indian Orthopaedic Association
 2. Honorary Secretary, Eastern India Initiative For Orthopaedic Training
 3. Vice President elect-Spine Society of West Bengal
 4. Member Editorial Board International Journal of Orthopaedic Surgery
 5. Faculty –IOACON 2021 held at Goa
 6. Faculty-National Postgraduate Instructional course Burdwan
 7. Publications-attached
 8. Faculty- MIDCON, 2022 held at Behrampore, Murshidabad
1. Clinical outcome of modified Nicoll's grafting in gap management of both bone forearm, a retrospective status. International Journal Dental and medical Science Research Jan 2022 India, Dr. Chinmay Biswas
 2. Cervical Vertigo : A brief review International Journal Of Orthopaedic Surgery August 2021 India Dr. Kiran Kumar Mukhopadhyay, Dr. Rajeev Raman
 3. Comparative study of combined spinal epidural anesthesia vs general anaesthesia in lower lumbar spine surgery INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH October 2021 India, Dr. Sagar Mukhopadhyay, Dr. Shreyasi Chatterjee, Dr. Kiran Kumar Mukhopadhyay
 4. Comparison between conservative and surgical management of displaced mid-shaft clavicle fractures in adults International Journal of Orthopaedic Sciences September 2021 INDIA, Dr. Ayon Ghosh
 5. Clinical outcome of monosteotic fibrodysplasia treated with intramedullary nailing and bisphosphonate therapy International Journal Dental and medical Science Research Jan 22 India, Dr. Chinmay Biswas
 6. Rib Hemangioma : A diagnostic dilemma Indian Journal of Applied Research July, 2021 INDIA, Dr. S. Dattagupta Dr. P. Kumar
 7. Coronally oriented intraarticular distal femur Hoffa fracture- how we deal with it. Journal of evaluation of medical and dental sciences. Vol- 11, issue 08, Jul 22 India, Rajesh Kar, Gourab Chatterjee

FACULTY MEMBERS

PROFESSORS

Dr. Sumanta Kumar Dutta - HOD

Dr. Biswajit Sikder

ASSOCIATE PROFESSOR

Dr. Pranabashish Banerjee

ASSISTANT PROFESSORS

Dr. Anupam Roy, Dr. Kanishka Chowdhury

RMO CUM CLINICAL TUTOR

Dr. Indranil Khatua

SENIOR RESIDENT

Dr. Arpita Mohanty (Bond), Dr. Soumen Biswas (Bond), Dr. Sayantan Roy

Dr. Sanchari Nandi

POST GRADUATE TRAINEES

Dr. Sayan Banerjee, Dr. Sutirtha Saha, Dr. Trailokeswar Prusti, Dr. Nadeem Hasan,

Dr. Veeus Nag Mukherjee

Research

1. Uses of otoacoustic emissions in different cochlear pathologies apart from neonatal screening.
2. A Study on the microbes of Chronic Otitis Media with special emphasis upon Atypical organisms.
3. A comparative study of the outcomes of the midline and the lateral backdoor approach for thyroidectomy.

Achievements

Departmental Achievements:

1. Procurement, installation and use of a Rigid Fibre-Optic Bronchoscopy set with instruments and telescope systems (both Adult and Pediatric) recently, for managing emergency airway foreign body cases. This marks the beginning of our Department as a Tertiary Referral Centre for such patients in acute emergency.
2. Installation of a new Zeiss Microscope with High-Definition monitor and camera system at our routine OT complex for advanced teaching and learning of residents.
3. Upgradation of ENT OPD complex and successful installation of a public addressal system in the form of microphone and speaker systems.
4. Regular Temporal bone dissections going on with a view to start cochlear implantation in the near future.

Individual Achievements :

Dr. Arpita Mohanty - (2nd year SR)

Passed DNB (June 2021)

Attended a fellowship programme at KKR ENT Hospital and Research Institute, Chennai for 15 days, June 2022.

Participated as a 'Dissector' in the Temporal Bone Dissection workshop organised by AOIWB 2022.

Dr. Sutirtha Saha - (3rd year PGT)

Presented a paper on "Complication of thyroid surgery and their management - An institution based observational study", at AOIWB Digital PG Summit 2021.

Paper presentation on "Role of prophylactic calcium and calcitriol to prevent postoperative temporary hypocalcemia following thyroid surgeries" at IAOHNS 2021.

Presented a paper on "Comparison between midline and lateral backdoor approach for thyroidectomy - a retrospective study", at AOIWB monthly meet.

Poster presentation on "Facial subcutaneous mucormycosis in a non-COVID patient- A diagnostic dilemma", at 49th AOIWB Annual Conference 2022.

Participated as a 'Dissector' in 21st Live Temporal Dissection workshop at VIMS Kolkata 2022.

Dr. Sayan Banerjee - (3rd year PGT)

Poster presentation on "A rare case of cervical sympathetic chain schwannoma mimicking carotid body tumour", at IAOHNS 2021.

Paper presentation on "Mucormycosis in COVID-19 pandemic - Our experience in a tertiary care institute", at 49th AOIWB Annual Conference 2022.

Future Planning and Targets :

Renovation of the ENT OT complex.

Upgradation of the Temporal bone dissection lab.

Starting Cochlear Implantation programme under the ADIP scheme of Government of India for profoundly deaf children upto 5 years of age; implanting the children free of cost, with cochlear implants worth upto 6 lakh.

FACULTY MEMBERS

PROFESSORS

Dr Anup Kumar Roy - HOD
Dr Gopinath Barui

ASSOCIATE PROFESSORS

Dr Palas Bhattacharyya, Dr Rajib Kumar Mondal, Dr Moumita Maiti, Dr Arghya Bandopadhyay,
Dr Moumita Pal

DEMONSTRATOR

Dr Prasenjit Sen Roy, Dr Sohini Ray, Dr Surya Kumar Bera, Dr Ambalika Mondal, Dr Sarbari Kar Rakshit,
Dr Debosmita Bhattacharya, Dr Saroj Singh, Dr Piyabi Sarkar

SENIOR RESIDENT

Dr Subhargha Mondal, Dr Debopriyo Das, Dr Sohini Parveen Sarwala

POST GRADUATE TRAINEES (3rd Year)

Dr Ananya Khan, Dr Poulomi Biswas, Dr Arundhati Shit, Dr Sayan Mukhopadhyay, Dr Purnendu Ranjit,
Dr Ranajit Mondal

POST GRADUATE TRAINEES (2nd Year)

Dr Nilanjana Mondal, Dr Soumik Kar, Dr Swabarna Trivedi, Dr Shailaja Kumarim,
Dr Subhankar Sadhukhan

NON - TEACHING STAFF

MT (LAB)

Smt Saborni Chakraborty, Sri Sanjay Giri, Sri Debasis Jana, Smt Nabanita Ghosh, Smt Dipanwita Ghosh,
Smt Anindita Adak

LAB ATTENDANT

Sri Sukhdev Majhi

TECHNICAL ASSISTANT

Sri Arabinda Hazra, Sri Jitendra Nath Bera, Sri Pravat Kumar Sarkar, Smt. Sabita Adhikary

SWEEPER

Smt. Mona Devi (Ram)

Dissertations (Oct 2021 to Sept 2022)

1. Dr Poulomi Biswas : Study of CD 10 expression pattern in prostatic adenocarcinoma and its correlation with Gleason grade.
2. Dr Arundhati Shit : Study of immunohistochemical markers CK-19, CD-56, ki-67 in solitary thyroid nodules and their diagnostic utility.
3. Dr Sayan Mukhopadhyay : A study on stromal CD-10 expression in breast carcinoma and its relation with ER, PR and Her-2-neu using immunohistochemistry.

4. Dr Purnendu Ranjit : Study of ki-67 and E-cadherin expression in cervical cancer as marker of proliferation and invasiveness.
5. Dr Ranajit Mondal : Study of p53 and p16 immunoexpression in low grade serous ovarian cancer.
6. Dr Nilanjana Mondal : A clinicopathological study on neoadjuvant response in breast carcinoma with special reference to assessment of interobserver reproducibility of Miller Payne system and Residual Cancer Burden index.
7. Dr Soumik Kar : Expression profile of MLH 1 and MSH 2 (DNA mismatch repair gene) in colon cancer and its correlation with different clinicohistopathological features.
8. Dr Swabarna Trivedi Determination of MMP 9 and Ki 67 expression in breast carcinoma and correlation of these markers with tumour grade and stage.
9. Dr Shailaja Kumari : MMP 9 expression in surface epithelial ovarian carcinoma and its correlation with histological type and grading as a prognostic indicator.
10. Dr Subhankar Sadhukhan : A study on expression of CK 20, CDX 2 and Ki 67 in colorectal carcinoma and their correlation with prognostic parameters.

Publications (Oct 2021 to Sept 2022)

1. Barman N, Bhattacharya I, Sarkar R. Ki67 Protein expression and correlation with the histological grade and pTNM stage of colorectal carcinoma. *Panacea J Med Sci* 2021;11(2):204-208.
2. Maiti M, Sarkar R, Bhattacharya, A, Ray PS. Expression of Carbonic Anhydrase-IX and Vascular Endothelial Growth Factor in Renal Cell Carcinoma and their Prognostic Significance. 2021;15(7):EC21 - EC25.
3. Ananya Pal, Rajat Kanti Biswas. Prognostic significance of viral marker detection in progression of high risk human papilloma virus associated cancer cervix. *International journal of scientific research*. 2020;9(9):16-19.
4. Rama Das, Parna Basu, Suman Ghosh, Debasish Guha. Alteration in Steroid Hormone and HER2/ neu Receptor Status Following Neoadjuvant Chemotherapy in Triple Negative Breast Cancer. Is There Any Hope? *JCDR* 2021. 15(1):EC-12-16.
5. Roy Anup, Choudhury Pritha, Barua A, Pattanayak R, Bhattacharyya M, Saha P. Eugenol restricts cancer stem cell population by degradation of b-catenin via n-terminal ser37 phosphorylation – an in vivo and in vitro experimental evaluation chemico-Biological interactions Jan 2021, 316 (2020)
6. Roy Anup, Basu Mukta, Chatterjee A, Chakraborty B, Pal DK High nuclear expression of HIF1 , synergizing with inactivation of LIMD1 and VHL, portray worst prognosis among the bladder cancer patients: association with arsenic prevalence. *Journal of Cancer Research and Clinical Oncology* 2021 Aug;147(8):2309-2322.
7. Diagnostic Challenges of Soft Tissue Sarcomas with Special Emphasis on Immunohistochemical Profile- A Case Series. Published in *JCDR* : April 1, 2022 Vandana Maroo, Sanghamitra Mukherjee, Gopinath Barui, Manisha Mahata
8. Nabanita Barma, Gopinath Barui, Anadi Roy Chowdhury Overexpression of Stathmin in Oral Squamous Cell Carcinoma, its Association with Histomorphological Features and Pathological Staging. Published in *JCDR* : June 1, 2021

FACULTY MEMBERS

PROFESSORS

Dr. Tapan Kumar Sinhamahapatra - HOD
Dr. Asim Kumar Mallick

ASSOCIATE PROFESSORS

Dr. Abhijit Dutta, Dr. Moumita Samanta, Dr. Biswanath Basu, Dr. Arnab Biswas, Dr. Sanjay Halder

ASSISTANT PROFESSORS

Dr. Manik Mondal, Dr. Shrabani Mandal

RMO CUM CLINICAL TUTOR

Dr. Subrata Datta, Dr. Kakali Roy

SENIOR RESIDENT

Dr. Saugata Bhattacharya, Dr. Bhaskar Banerjee, Dr. Priyajit Mandal, Dr. Tilling Tani, Dr. Nilanjana Ghosh, Dr. Abhinanda Das, Dr. Sougata Chakrabarty, Dr. Sandipan Sen, Dr. Bilkish Islam, Dr. Subhadipa Das, Dr. Tirthankar Kundu, Dr. Srinanda Majumder, Dr. Manisha Guin, Dr. Soumyashree Biswas, Dr. Annie Bajaj

MEDICAL OFFICERS

Dr. Indrani Nag, Dr. Sampa Mallick

Dr. Pamela Ghosh (Mosncu), Dr. Tarun Kumar Naskar (Mosncu), Dr. Rajib Santra (Mosncu), Dr. Md Mijanur Rahaman (Mosncu), Dr. Apurba Kumar Roy (Mosncu), Dr. Sanjay Mondal (Mosncu)

POST GRADUATE TRAINEES (2020-2023)

Dr. Bhageshree Saha, Dr. Akash Rai, Dr. Tania Roy, Dr. Parul, Dr. Madhushree Dutta, Dr. Ruchi Singh, Dr. Nivedita Manna, Dr. Raj Kumar Gayen, Dr. Asfak Ahmed, Dr. Bakul Sarkar, Dr. Malay Biswas

POST GRADUATE TRAINEES (2021-2024)

Dr. Ashish Kumar, Dr. Biswajit Sarkar, Dr. Vikas Kv, Dr. Anurupa Mondal, Dr. Manas Sarkar, Dr. Rodosi Hauli, Dr. Monalisa Sarkar, Dr. Shweta Paul, Dr. Priya Saha Chowdhury, Dr. Aswini Chalak, Dr. Ashalata Mondal

NON - TEACHING STAFF

NURSING STAFFS

Pediatrics Medicine Ward
Block Sister (Four), Ward Sister (Forty One)

NICU & SNCU

Block Sister (Three), Ward Sister (Thirty Nine)

Dissertations (Oct 2023 to Sept 2024)

1. DR. SOUGATA CHAKRABARTY: Serum lactate level as a predictor of outcome in children admitted in PICU, a prospective observational study.
2. DR. SANDIPAN SEN: Etiology and outcome of acute kidney injury among neonates in a tertiary care hospital

3. DR. BILKISH ISLAM: Efficacy of administration timing of once daily antihypertensive drugs on blood pressure rhythmicity among hypertensive children suffering from chronic kidney disease.
4. DR. SUBHADIPA DAS: A comparative study on nebulized salbutamol versus adrenaline in children with wheeze associated condition of children between 1 month to 6 months of age admitted in pediatric ward of a tertiary medical college Kolkata.
5. DR. TIRTHANKAR KUNDU: A study on the profile of hepatic involvement among 1 to 12 years old children with scrub typhus.
6. DR. SRINANDA MAJUMDER: A study on the diagnostic value of Serum Procalcitonin as a marker to differentiate between systemic bacterial infection and flare up in febrile children with systemic autoimmune disease in a tertiary care hospital in Kolkata.
7. DR. MANISHA GUIN: To study the clinico-demographic profile of acute neurological illnesses in children admitted in pediatric intensive care unit and review the associated outcome.
8. DR. SOUMYASHREE BISWAS: Assessment of one year relapse free survival with repeat courses of rituximab among children with steroid dependent nephrotic syndrome.
9. DR. ANNIE BAJAJ: Efficacy of an indigenous non-contact device versus commercially available pulse oximeter for the detection of spo₂ in neonates: A comparative study.
10. DR. DIBAKAR SARDAR: Study on the profile of hepatic involvement by dengue virus in children between one to twelve years of age.
11. DR. JAYANTA ROY: Recent spectrum of acute viral hepatitis A in children in a tertiary care hospital-Kolkata.
12. DR. BHAGESHREE SAHA: Predictive Value of Full Outline of Unresponsiveness (Four) Score and Glasgow Coma Scale (GCS) in Outcome of Children Admitted in Pediatric Intensive Care Unit: A Prospective Observational Study
13. DR. BAKUL SARKAR: Laboratory Profile of Pleural Effusion Among 1 Month To 12 Years Age Group Admitted in NRS Medical College and Hospital
14. DR. AKASH RAI: An Observational Study to Compare the Blood Levels of Sodium and Potassium by Ion Selective Electrode and An Indigenously Developed Device in Newborns.
15. DR. TANIA ROY: Profile of neurocutaneous disorder in children presenting at a tertiary care hospital in Eastern India: A cross-sectional observational study
16. DR. PARUL: A Study on The Renal Manifestation of Scrub Typhus at Nrs Medical College.
17. DR. MADHUSHREE DUTTA: Incidence and Type of Metabolic Acidosis Among Children Admitted in Pediatric Intensive Care Unit, an Observational Study
18. DR. RUCHI SINGH: Efficacy and Safety of Rituximab Among Children with Steroid Dependent Nephrotic Syndrome.
19. DR. NIVEDITA MANNA: Study of Risk Factors of Pneumonia in Children Admitted in A Tertiary Care Hospital of West Bengal with Special Attention to Pentavalent Vaccination
20. DR. ASFAK AHMED: Clinical, Laboratory Profile and Early Outcome of Bilirubin Encephalopathy in Newborn: A Prospective Observational Study.

21. DR. RAJ KUMAR GAYEN : Analysis of Brain Wave Data Acquired Through A Non Invasive EEG Based Device For Detection of Neuropsychiatric Disorder
22. DR. MALAY BISWAS : A study on clinical outcome in children with acute febrile encephalopathy admitted in NRS Medical College and Hospital, Kolkata
23. Dr. Monalisa Sarkar: B Cell Reconstitution following Rituximab therapy in childhood nephrotic syndrome
24. Dr. Anurupa Mondal : Psychological outcomes in children post discharge from PICU of a tertiary care centre of eastern india-an observational study
25. Dr Rodosi Hauli : Observational study to evaluate post administration effect of Manganese Citrate Nano complex compared to the conventional treatment for neonatal hyperbilirubinemia
26. Dr Shweta Paul : Performance analysis of an indigenously developed non invasive, portable, spectroscopy based device for detection of jaundice, anemia and oxygen saturation in neonates .
27. Dr. Ashish Kumar : A Study on role of liver biopsy as an early predictor to differentiate between neonatal hepatitis and extra hepatic biliary atresia
28. Dr. VIKAS K V : Evaluation of Vasoactive inotropic score in prediction of outcomes of children with paediatric sepsis admitted in paediatric intensive care unit a prospective observational study
29. Dr ASWINI CHALAK : A Study on efficacy of extended alternate day prednisolone therapy following remission among childhood infrequency relapse nephrotic syndrome
30. Dr. Priya Saha Chowdhury : A quality improvement initiative to essential newborn care practices in neonates born through caesarean section in a tertiary care hospital, west Bengal
31. Dr Manas Sarkar : Prevalence of hypoxia suffering from pneumonia and association of hypoxemia with outcome of pneumonia in children in the age group of 2-60 month admitted in paediatrics indoor in NRS MCH
32. Dr Ashalata Mondal : Neuroimaging Findings in First Unprovoked Seizures In Children : A Cross Sectional Observational Study
33. Dr Biswajit Sarkar: Study on Mean Age at Which HPLC Is Done In Children Attending Thalassemia Day Care Unit of NRS Medical College and Hospital

Academic Activities

The department is involved in both undergraduate and postgraduate teaching. MBBS – Per year admission 250, MD – per year admission 11.

Teaching / Training programme activities

Postgraduate

1. Daily case presentation
2. Weekly journal club
3. Weekly grand round
4. Weekly seminars
5. Training program for foreign students

6. Death review meeting
7. Clinico-pathological conference
8. Lectures and Guest Lectures
9. Workshops, Quiz competition

Undergraduate

1. Lecture Classes – 65 classes (32 for 6th & 7th Semester, 33 for 8th & 9th Semester)
2. Demonstration Classes
 - a. 5 weeks – 4 days a week for 6th & 7th Semester
 - b. 5 weeks – 4 days a week for 8th & 9th Semester
3. Ward clinics
 - a. 2 weeks for 4th & 5th Semester
 - b. 4 weeks for 6th & 7th Semester
 - c. 4 weeks for 8th and 9th Semester

Collaborative Programmes of the Department

1. NNF Postgraduate Quiz College Round
2. NNF Postgraduate Quiz Division Round
3. 15th IAP Pediatric Quiz for Postgraduates College Round 2022
4. Facility Based New Born Care Training of Medical Officers for SNCUs
5. Clinical Meeting of IAP West Bengal Branch
6. BSc Nurses training programme
7. 34th IAP Pediatric Quiz for Undergraduates 2022 College Round

Major Research Project

- A. Safety & Efficacy of Rituximab vs. CNMI in Children with Idiopathic Nephrotic Syndrome

Principal Investigator : Dr Biswanath Basu

Co-Investigator : Prof. TK Sinhamahapatra, Dr. Samiran Panda

Major Achievements of the department

1. Dr. DEBASIS MAITY got second prize for the oral paper presentation for the post graduate students at 39th WB PEDICON held at Kolkata.
2. Dr. NILANJANA GHOSH got first prize in free paper presentation award paper presentation at 2nd East Zone NEOCON 2022 held at Kolkata.

Achievements of the Faculties

Prof Tapan Kumar Sinhamahapatra

Serving as Examiner, Convener, Adjudicator, Paper setter

1. Serving the Department of Pediatrics as Head since 1st October 2012.
2. Serving as INTERNAL Examiner cum Convenor for MD Examination of the West Bengal University of Health Sciences (WBUHS) conducted in the month of June, 2022.
3. Serving as Adjudicator of MD (Pediatrics) thesis of WBUHS since 2009.
4. Paper setter of Final MBBS, 3rd Professional Part II Examination of the West Bengal University of Health Sciences (WBUHS) since 2011.

5. Paper setter of MD (Pediatrics) examination of the West Bengal University of Health Sciences (WBUHS) since 2012.

Prof Asim Kumar Mallick

Serving as Examiner, Adjudicator, Paper setter

1. In-charge of 'Sick Neonatal care Unit (SNCU) and Neonatal Intensive Care Unit (NICU)'.
2. Serving as INTERNAL Examiner cum Convenor for MD Examination of the West Bengal University of Health Sciences (WBUHS) conducted in the month of June, 2022.
3. Awarded with Fellow NNF
5. Paper Setter of MD (Pediatrics) examination of the West Bengal University of Health Sciences (WBUHS) since 2014.
6. Adjudicator of MD (Pediatrics) thesis of the West Bengal University of Health Sciences (WBUHS) since 2011.
7. Appointed as State level Trainer of Neonatal Advanced Life Support (NALS) training programme for Post Graduate students for the last several years.
8. Appointed as a Faculty in "Facility Based New Born Care Training of Medical Officers for SNCUs" several times.
9. Appointed as Interviewer in the Departmental Promotion several times at Swasthya Bhawan conducted by the West Bengal University of Health Sciences (WBUHS).

Dr Abhijit Dutta

- A. Serving as Guide for Post graduate students
- B. Reviewer of many National and International Medical Journal
- C. Appointed as chairperson in many CME organized by National and local body in Pediatrics.
- D. Serving as INTERNAL Examiner cum Convenor for MD Examination of the West Bengal University of Health Sciences (WBUHS) conducted in the month of June, 2020 held at North Bengal Medical College.
- E. Appointed as Internal Examiner cum Convenor for Final MBBS Part II, 2021

Dr Moumita Samanta

- A. In-charge of 'Pediatric Intensive Care Unit'
- B. In-charge of 'Pediatric Cardiology Unit'
- C. Publications in various national and international journals.
- D. Co-investigator for NHM state based multicentric project.
- E. Panelist in East Zone PediCitiCon 2020 of IAP –ICC-Know All About Sepsis Shock

Dr Biswanath Basu

- A. Advisor of BOARD OF ADVISORS of European Renal Association – European Dialysis and Transplant Association (ERA EDTA)
- B. Trainer & Member: Young Nephrologists' Platform (YNP) of European Renal Association – European Dialysis and Transplant Association (ERA EDTA)
- C. The first and sole Govt. Pediatric Nephrology Centre of Eastern India, situated in this institute just completed 4 year and six months of its successful journey. This unit caters patients not only from eastern India but also from all over country.
- D. First in INDIA: Dedicated latest pediatric hemodialysis (Fresenius 5008 with Pediatric software) machine

E. First in Eastern INDIA: Automated Peritoneal Dialysis in Newborns.

Dr. Sanjay Halder

- A. In-charge of Pediatric Thalassemia Care Unit
- B. Publications in various national and international journals
- C. External examiner of 3rd Professional Part II, Final Examination 2021, 2022

Dr Manik Mondal

- A. Scrutinizer of 3rd Professional Part II, Final Examination 2019 and MD Examination 2020.
- B. Publications in various national and international journals.

Publications (Oct 2021 to Sept 2022)

1. Samanta M , Das S , Mahato S , Rai A , Sinhamahapatra TK. Impact of nutritional status of children admitted in pediatric intensive care on mortality and morbidity: A prospective observational study. DY Patil Journal Of Health Sciences .
2. Long-Term Morbidity and Functional Outcome of Japanese Encephalitis in Children: A Prospective Cohort Study. Dutta A, Nag SS, Dutta M. Indian Pediatrics 2021;58(9):846-49
3. Dutta M, Mitra P, Nag SS, Dutta A: Changing Trends of Antimicrobial Resistance in Neonatal Sepsis: Experience from a Tertiary Care Hospital from West Bengal, India. JCDR 2021; 15(7): 11-14
4. Samanta M, Biswas C, Pal NK, Sarkar S, Goswami A, Hazra A, Bhowmik A, Sabui TK. Performance of SNAPPE-II score in neonatal sepsis: an experience from a tertiary care center. Turk J Pediatr. 2020;62(2):191-198.
5. Samanta T, Basu R, Purkait R, Kar S, Das D, Ganguly S. Clinicohistological correlation of etiological spectrum of chronic liver disease diagnosed during noncirrhotic stages in children: Can need of liver biopsy be obviated? JGH Open. 2020 Oct 30;5(1):20-27.
6. Basak D, Mandal PK, Mondal M, Sinhamahapatra TK. Study on Secondary versus Tertiary Prophylaxis in Hemophilia Children under 12 Years of Age in a Tertiary Care Hospital in Eastern India. J Indian Med Assoc 2020; 118(12): 49-53.

FACULTY MEMBERS

PROFESSORS

Dr. Koushik Saha - HOD
Dr. Kalyani Saha Basu, Dr. Dipak Ghosh

ASSISTANT PROFESSORS

Dr. Dibyarup Datta Pramanik, Dr. Nirup Kumar Biswas

RMO CUM CLINICAL TUTOR

Dr. Hinglaj Saha

SENIOR RESIDENT

Dr. Poonam Guha Vaze, Dr. Tanusree Kundu, Dr. Rupa Banerjee

MEDICAL OFFICERS

Dr. Achyuta Prasad Goswami, Dr. Ranjit Saha

POST DOCTORAL TRAINEES (MCh Student)

Dr. Debalina Karmakar, Dr. Saikat Chakraborty

NON - TEACHING STAFF

Sanu Ghosal

List of MCh students in Last 2 years and respective Dissertations : 2020 & 2021 - Nil (Out of 12)

List of MCh students in Last 2 years and respective Dissertations : 2022 (Out of 6)

Year 2022

1. Dr. Debalina Karmakar - Sonographic and functional assessment of reconstructed anorectum in children with anorectal malformation
2. Dr. Saikat Chakraborty - Laparoscopy aided with hydrostatic reduction for intussusceptions in children

Publications (Oct 2021 to Sept 2022)

1. Adrenal and Mesenteric Teratomas in infants: Common Tumors in Uncommon Sites – Ray R, Dey S, Khatun F, Barman S, Chatterjee U, Sarkar R, Saha K. Journal of Indian Association of Paediatric Surgeons 2022
2. Utility of tru-cut biopsy in diagnosis of palpable pediatric soft tissue neoplasms – Islam N, Das RN, Chatterjee U, Sengupta M, Sarkar R, Saha K. Indian Journal of Pathology Microbiology 2022
3. Clinicopathological study of primary pediatric gastrointestinal lymphomas – Ghosh M, Sengupta M, Barman S, Chatterjee U, Mukhopadhyay M, Sarkar R, Saha K. Journal of Indian Association of Paediatric Surgeons 2022
4. Congenital sacrococcygeal neuroblastoma: A report of two cases with summary of prior published cases – Dey S, Ghosh A, Sil K, Saha Basu K, Chatterjee U. Fetal Paediatric Pathology 2022

5. Utility of cell block preparation in diagnosis of paediatric abdominal neoplasms – Kanjilal B, Das RN, Chatterjee U, Sengupta M, Sarkar R, Saha K. Diagn Cytopathol 2022
6. Tunical gliomatosis: An uncommon histological entity – Patra S, Chakravorty S, Chatterjee U, Saha K. Fetal Paediatric Pathology 2022

Performance Report Last 1 (one) year :

1. Total admission in last one year: 4411
2. Neonatal admission in last one year: 1522
3. Total operation in last one year: 3114
4. Neonatal operations in last one year: 1175

Conference attended - Paper presentation

1. Prof. Koushik Saha – Guest lecture at Park Clinic Oration on Urinary diversion
2. Prof. Dipak Ghosh – Over view of Wilms Tumor – Annual State Conference 2022
3. Dr. Joy Kishor Soren – Yolk sac tumor of penis: A rare site for extragonadal germ cell tumor – Indian Association of Paediatric Surgeons 2022
4. Dr. Debalina Karmakar –Posterior Cloaca In Association with 46XY Mixed Gonadal Dysgenesis: A case report (Sep 22) A rare Pelvic Dumbbell Lipoblastoma Presenting As A Large Gluteal Mass In A 2years old child: A Case Report (Sep 22) Surgical History of an abandoned child (Oct 22)

Academic activities

1. Regular classes in the form of case presentation, didactic lecture, seminars, joined discussion were done
2. Bimonthly clinical meeting of Paediatric Surgery Association, West Bengal 23rd April 22
3. Prof. Kalyani Saha Basu & Prof. Dipak Ghosh of their college have been elected president of Paediatric Surgery Association in 2022 & 2023 respectively

FACULTY MEMBERS

PROFESSORS

Dr. Supreeti Biswas Mondal - HOD

Dr. Arijit Ghosh

ASSOCIATE PROFESSOR

Dr. Ananya Mandal

ASSISTANT PROFESSORS

Dr. Suman Chattopadhyay, Dr. Subhradip Bhattacharyya

DEMONSTRATOR

Dr. Subir Mukhopadhyay, Dr. Amarjeet Prakash, Dr. Tamana Parvin, Dr. Tanvir Ahmed

POST GRADUATE TRAINEES (3rd Year)

Dr. Rahul Das, Dr. Rohan Sen, Dr. Nabajit Sarkar, Dr. Manali Saha

POST GRADUATE TRAINEES (2nd Year)

Dr. Leena Biswas, Dr. Mriganko Bandyopadhyay, Dr. Soumik Biswas

NON - TEACHING STAFF

TECHNICAL ASSISTANT

Anindya Banerjee

TECHNICIANS CUM LABORATORY ATTENDANT

Ratnasona Biswas

SWEEPERS

Sri Bijoy Turi, Prem Lal Serestha

GDA & ANIMAL HOUSE ATTENDANTS

Anil Chandra Das, Anil Dutta, Tajul Mandal, Sri Sridhar Mohanty

Dissertations (Oct 2019 to Sept 2022)

1. Drug Utilization Study of Drugs Prescribed In Child Psychiatry Clinic of A Tertiary Care Hospital of Eastern India. Dr. Rahul Das under Guidance of Dr. Ananya Mandal and Dr. Sayanti Ghosh (Associate Professor, Department of Psychiatry, NRSMC).
2. Pattern of Antimicrobial use in Urinary Tract Infection among pregnant women attending Antenatal Clinic of a Tertiary Care Hospital. Dr. Rohan Sen under Guidance of Dr. Supreeti Biswas, Dr. Runa Bal (Professor, Head of the Department Obstetrics & Gynaecology), Dr. Suman Chattopadhyay.
3. A Study of Drug Prescribing Patterns for the Management of Psoriasis in a Tertiary Care Hospital in Eastern India. Dr. Nabajit Sarkar under Guidance of Dr. Supreeti Biswas, Dr. Suchibrata Das (Associate Professor, Department of Dermatology), Dr. Ananya Mandal.

4. Pattern of Drug Use Among Patients of Heart Failure in A Tertiary Care Hospital in Kolkata. Dr. Manali Saha under Guidance of Dr. Ananya Mandal, Dr. (Prof.) Ranjan Kumar Sharma (Head of Department of Cardiology), Dr.(Prof) Supreeti Biswas.
5. A Prospective Cross Sectional Study on Adverse Drug Reaction Profile in Relation to Drugs Used In Pulmonary Diseases. Dr. Leena Biswas under Guidance of Dr. Supreeti Biswas Mondal, Dr. Jaydip Deb (Professor & Head, Department of Respiratory Medicine), Dr. Subhradipta Bhattacharyya.
6. Pattern, Pharmacotherapy And Outcome of Poisoning Cases Admitted to The General Medicine Department In A Tertiary Care Teaching Hospital. Dr. Mriganka Bandyopadhyay under Guidance of Dr. Ananya Mandal, Dr. Arijit Sinha (Professor, Dept.of Medicine) Dr. Suman Chattopadhyay.
7. Efficacy And Safety Of Topical Adapalene (0.1%W/W) and Clindamycin(1%W/W) Versus Topical Adapalene (0.1%W/W) and Benzoyl Peroxide (2.5%W/W) in Inflammatory Acne Vulgaris: A Comparative Study. Dr. Soumik Biswas under Guidance of Dr. Arijit Ghosh, Dr. Suchibrata Das (Associate Professor, Dept. of Dermatology).
8. A Cross-sectional study of ADR surveillance among the patients attending Dermatology OPD of NRS Medical College & Hospital. Dissertation : M.Pharm, Golam Parvez (MAKAUT, Master of Pharmacy in Pharmacology) under Guidance of Dr. Supreeti Biswas Mondal.

Publications (Oct 2021 to Sept 2022)

1. Das R, Chattopadhyay S, Mandal A. Knowledge regarding snakebite and its management among second year nursing students. Journal of Clinical and Diagnostic Research 2022; 16(7):FC07-9.
2. Paul R, Ghosh A, Sengupta N, Sahana PK. Comparison of efficacy and safety of Vildagliptin 50mg tablet twice daily and Vildagliptin 100mg Sustained release tablet once daily on top of Metformin in Indian patients with type 2 diabetes mellitus: A randomized, open label, phase IV parallel group clinical trial.
3. Chattopadhyay S, Mandal A, Das R, Ghosh A, Mondal S B. Report Based Antibiotic Sensitivity Pattern of Community Acquired Urinary Tract Infection in Rural Bengal. Nat J Physiol, Pharm Pharmacol (accepted, on the verge of publication in September).
4. Himangshu Mahato, Vaswati Das, Supreeti Biswas. Comparative experimental evaluation of L-Carnitine and Cholecalciferol on amikacin induced nephrotoxicity and clinical evaluation of amikacin induced adverse drug reactions. Biomedical and Pharmacology. 2022;15(3): (accepted, on the verge of publication in September).

Conference & CME Program (State/National level) arranged by the Department

1. Dr. Arijit Ghosh, Dr. Ananya Mandal & Dr. Suman Chattopadhyay acted as speakers on Synopsis writing for first year Medicine postgraduate students held on 24th June 2022.
2. Workshop on Synopsis writing for first year post graduate students organized in collaboration with Medical Education Unit, NRSMC on 5th August 2022.

Achievement by the Faculties / Students (Departmental Achievement)

- A) UG students under guidance of faculty members of Department
 - i) ICMR STS projects 2022 awarded to
 - ii) Ayushi Ganguly (2nd MBBS student) under guidance of Dr. Arijit Ghosh & Dr. Soma Sarkar Pan (A perspective of antimicrobial drug sensitivity of urinary isolates during COVID-19 era in a tertiary care teaching hospital of Eastern India)

- iii) Liya Bhowmik (2nd MBBS student) under guidance of Dr. Suman Chattopadhyay (Trends of reported adverse drug reactions in geriatric population in an ADR monitoring centre in Eastern India : A five year record based retrospective study).
 - iv) Shreeja Dutta (2nd MBBS student) under guidance of Dr. Ananya Mandal & Dr. Swagata Ganguly is working on a research project titled “Comparison of antimicrobial sensitivity pattern of samples from surgical sites, before and during COVID pandemic from Eastern India: A critical insight”.
- B) PG students
- i) PGTs attended and presented papers at ISRPT Conference & workshop at Indore.
 - ii) PGTs attended and presented papers at HOPECON, Kolkata
 - iii) Dr. Rohan Sen got second prize at HOPECON
- C) Other students doing short term projects or training under guidance of faculty members of Department
- i) Pharmacovigilance training programme
 - ii) Summer and Winter Internship of B. Pharm & Biotechnology students of different Universities.
- D) Achievement by the faculty members
- i) Dr. Supreeti Biswas Mondal guided a Dissertation of “Master of Pharmacy in Pharmacology” of MAKAUT University.
 - ii) Dr. Arijit Ghosh & Dr. Suman Chattopadhyay acted as Domain expert for the recruitment of Pharmacist for the Institute of Pharmacies, West Bengal, held in August 2022 by the West Bengal Health Recruitment Board.
 - iii) Dr. Arijit Ghosh is the member of the Antimicrobial Resistance (AMR) Working group, Swasthya Bhavan.
 - iv) Dr. Ananya Mandal was one of the speakers in session on “Drug dose modification in liver disease” at HopeCon 2022 organized on 29th May 2022
 - v) Dr. Ananya Mandal was one of the members of the team appointed by West Bengal University of Health Sciences to finalize the Internship Logbook for the batch 2022-23.
 - vi) Dr. Ananya Mandal was one of the speakers in session on “Food Drug interaction” at symposium held under aegis of Indian Pharmacological Society on 17th June 2022.
 - vii) Dr. Ananya Mandal was one of the speakers in session on “AETCOM teaching in Phase I and II students and Reflection” at symposium held under aegis of MEU, Medical College Kolkata and Regional Centre for Medical Education, Jorhat Medical College, Jorhat on 27th August 2022.
 - viii) Dr. Ananya Mandal was one of the speakers in session on “Pharmacovigilance in Diabetes patients” at symposium held under aegis of Indian Pharmacological Society on 18th September 2022.

FACULTY MEMBERS

PROFESSOR

Dr Partha Pratim Das - HOD

RMO CUM CLINICAL TUTOR

Dr Usnish Mukherjee

SENIOR RESIDENT

Dr Saswato Majumdar

PHYSIOTHERAPIST

Mr Nilay Das, Mr Antony Kabasi, Mr Pramila Kumari, Mr Rajib Biswas, Mr Arkid Biswas

HOUSESTAFF

Dr. Dhrubajit Das

NON - TEACHING STAFF

GROUP D STAFF

Mr Badal Kanti Mridha, Mr Subir Kumar Jash

CONTRACTUAL GROUP D STAFF

Mr Rabindra Nath Malik, Mrs Mithu Bhowmick

CME arranged by the Department

- a. Assessment of Hand Rehabilitation.
- b. Abnormal Gait & Rehabilitation Management.
- c. Biomechanics of Foot Disorders
- d. Postural Control in Low Back Pain.

Total No of USG guided Soft tissue & Rheumatological injection till September : 164 (2022)

Total No of USG guided Nerve blocks & Spinal procedure till September : 78 (2022)

Total No of USG guided Botulinum Toxin A injection till September : 2 (2022)

Regional Artificial Limb Fitting Center (RALFC)

- a. MOIC : Vacant
- b. Head Clerk : Mr Sankar Majumdar
- c. Store In charge : Mr. Indrajit Roy
- d. Medical Technologist (P&O) : Mr. Kanhaiya Kumar Singh, Mr. Sankar Mondal, Mr. Kabirul Islam, Mr. Pradyot Kumar Das
- f. Orthopedic Footwear Technician : Mr. Rabi Raha, Mr. Sanjoy Biswas
- g. Workshop & Office Assistant : Bholanath Karmakar, Romio Pakrey, Sudeb Maji, Prasenjit Adhikary

FACULTY MEMBERS

PROFESSORS

Dr. Azizul Hai - HOD
Dr. Suranjana Sur Mukherjee

ASSOCIATE PROFESSORS

Dr. Aditya Sen, Dr. Md. Selim Uz Zaman

ASSISTANT PROFESSORS

Dr. Debalina Sengupta, Dr. Krishnachura Mitra

DEMONSTRATOR

Dr. Sudipta Saha, Dr. Sumana Gupta, Dr. Sovan Mitra, Dr. Sangita Ghosh, Dr. Md. Shahid Rafi Khan

NON - TEACHING STAFF

G.D.A.

Mr. Prodip Aich, Mr. Surendar Das

M .T (Lab)

Mrs. Payel Chakraborty

SWEEPER

Mr. Suresh Mallick

Publications (Oct 2021 to Sept 2022)

1. Sur Mukherjee S, Aditya Chowdhury, Sharmistha Ghoshal, Bithika Pramanik. The effect of mild dynamic exercise on the electromechanical systole of heart in non-athlete, healthy first year medical students of Bengal as a predictive biomarker of arrhythmia. Biomedicine [Internet]. 2022 Jul. 3 [cited 2022 Sep. 25];42(3):579-84.
2. Sengupta D, Gupta S, Mukherjee SS, Das S. Relationship between Sleep Quality and Internet Addiction among First Year Medical Students in a Government Medical College in West Bengal: A Cross-sectional Study. J Clin of Diagn Res. 2021; 15(10):LC32-LC35.
<https://www.doi.org/10.7860/JCDR/2021/50169/15570>
3. Mitra S, Sen S, Kundu S. Determination Of Effect Of Yoga (pranayama) In Terms Of Several Lung Parameters And Cat Score On Mild To Moderate Copd Patients For Short Duration Of Time (3 Months). International Journal of Scientific Research(IJSR); Vol 10, Issue 1: Jan-2021

FACULTY MEMBERS

PROFESSOR

Prof. (Dr.) Vedula Padmini Saha

ASSOCIATE PROFESSOR

Dr. Dibyendu Das

ASSISTANT PROFESSORS

Dr. Dhritashree Mandal, Dr. Amitava De

RMO CUM CLINICAL TUTOR

Dr. Dwaipayan Saha

SENIOR RESIDENTS

Dr. Tejinder Singh, Dr. Pasaang Rai

NON - TEACHING STAFF

Mr. Bapan Dewan

Research

1. Pre-Operative Evaluation of VPI Using Ct & NASO-Endoscopy of Govt. Tertiary Institute.
2. A Study on Psycho-Social Impact on Parents of Cleft Lip & Palate Patients in The Epidemiology of West-Bengal.

Publications (Oct 2021 to Sept 2022)

1. Saha VP, Ghosh D, Dutta S, Saha S, Basu SK. Midline Nasal Dermoid - A Series of Thirteen Cases and Review of Literature. BJOHNS [Internet]. 2017Dec.29 [cited 2022Aug.9];25(3):154-9. Available from: <https://bjohns.in/journal3/index.php/bjohns/article/view/137>
2. Nasal Cutaneous Malignancy Management and our Experience : Indian Journal of Applied Research , ISSN No 2249-555X.
3. Deep Neck Space infections – A Year study at Tertiary Care centre of West Bengal India : International Journal of Current Advanced Research , ISSN No 2319-6505 .
4. Saha VP, Ghosh A, Kesarwaani S, Saha S. Forehead flap for Reconstruction of Orofacial Defects a Tertiary Care Centre Experience West Bengal India ; Indian Journal of Applied Research. 2019. 09(06): 1-3
5. Saha V.P et al (2019) 'Localisation of Vocal Fold Mass with Variation of Acoustic Parameters', International Journal of Current Advanced Research, 08(05), pp. 18753-18756. DOI: <http://dx.doi.org/10.24327/ijcar.2019.18756.3593>
6. Saha V.P et al (2019) 'Radiological Assessment of Difficult Airway in Thyroid Malignancy – A Retrospective Case Study', International Journal of Current Advanced Research, 08(05), pp. 18747-18752. DOI: <http://dx.doi.org/10.24327/ijcar.2019.18752.3592>
7. Saha V.P et al (2018) 'Recurrent Fourth Branchial Arch Fistula – A Reverse Surgical Approach', International Journal of Current Advanced Research, 07(7), pp. 14242-14246. DOI: <http://dx.doi.org/10.24327/ijcar.2018.14246.2574>

FACULTY MEMBERS

PROFESSOR

Dr. Asish Mukhopadhyay

ASSISTANT PROFESSOR

Dr. Siddhartha Sankar Saha

RMO CUM CLINICAL TUTOR

Dr. Gobinda Chandra Basak, Dr. Sk Kamal Hassan

SENIOR RESIDENTS

Dr. Debasmita Dey, Dr. Abir Das, Dr. Biswajit Malas

POST GRADUATE TRAINEES (3rd Year)

Dr. Sarbartha Pramanik, Dr. Sandipan Ghosh, Dr. Apu Sarkar

POST GRADUATE TRAINEES (2nd Year)

Dr. Moumita Sing, Dr. Soham Palui, Dr. Vanlalchhuan Awmi

POST GRADUATE TRAINEES (1st Year)

Dr. Rima Banerjee, Dr. Bhaskar Das, Dr. Arpita Laha

NON - TEACHING STAFF

CLINICAL PSYCHOLOGIST

Jayasree Sar Choudhury

Dissertations

1. Anxiety Depression quality of life and sexual satisfaction in men suffering from premature ejaculation and erectile dysfunction –A study from a tertiary care Hospital.
2. Psychiatric Co-morbidity and quality of life in patients suffering from globus pharyngeus- A cross sectional study from a Urban tertiary care center.
3. Anxiety, Depression , Suicidal risk and Body dysmorphic concerns in adolescents suffering from acne vulgaris –study from a tertiary care hospital.
4. Prevalence of depression, Suicidal ideation and role of resilience among medical students in a medical college in Kolkata, India- A descriptive study .
5. Symptom profile and co-relates of depressive disorder in children and adolescent: A cross-sectional study in a medical college at Kolkata.
6. Psychiatric co-morbidities and quality of life in chronic osteoarthritis and its correlation with pain severity- A cross sectional study from a medical college in Kolkata.

Publications

1. Phenomenology and Psychopathology: Debasmita Dey ,Ankita Singh, Lt prof. CRJ khess; International Journal of Indian Psychology: Accepted on 28 Oct 2020.

2. A study on stress, anxiety and depression among caregivers of the patients with dementia in a tertiary care hospital in eastern india. Sk. Kamal Hassan, Uday sankar Mondal. Dilip kr Mondal; International Journal of scientific research. Vol -9, issue-1, Jan 2020.

Achievement by the Students :

Presentation at IPS EZ PG CME 2022

- i) A case of anorexia nervosa in an early adolescent girl- presented by Dr. Sandipan Ghosh
- ii) Clinical Vampirism? : A unique presentation of Impulse Disorder- presented by Dr. Sarbartha Pramanik
- iii) Persistent intake of excessive calcium tablets daily by a graduate female- an unusual presentation of Persistent Delusional disorder- presented by Dr. Apu Sarkar
- iv) Runner up in quiz competition held at INK, Kolkata in April 2022 - Dr. Sandipan Ghosh & Dr. Biswajit Malas

Achievement by the Faculty Members :

- a) Speaker on “Cognition in schizophrenia” in ANCIPS 2020 (by Dr. Asish Mukhopadhyay)
- b) A study on thyroid dysfunction in Bipolar spectrum disorder in a tertiary care hospital. Amit bagrodia, Arijit Sinha, Kaushik Sen, Siddhartha Sankar Saha (Ongoing Study)



Bidhan Sarobar, Baker Block, Nurses' Quarters Etc.

FACULTY MEMBERS

PROFESSOR

Dr. Runa Das - HOD

ASSOCIATE PROFESSORS

Dr. Malay Karmakar, Dr. Sudipta Basu, Dr. Ram Chandra Bhadra

R.M.O. CUM CLINICAL TUTOR

Dr. Soumitra Halder, Dr. Sudip Kumar Das, Dr. Koustab Dakua, Dr. Biplab Debnath

SENIOR RESIDENT

Dr. Saba Faiz, Dr. Suparna Sahu, Dr. Nabonita Biswas, Dr. Abhijit Das, Dr. Sayantan Roy,
Dr. Sk. Jishan Shine Alam, Dr. Raj Saha, Dr. Sriyak Bhattacharya, Dr. Suraj Mondal,
Dr. Shyam Sundar Hembram

SENIOR RESIDENT (III)

Dr. Sayantan Banerjee, Dr. Roshni Dutta, Dr. Argha Dutta, Dr. Tanvi Priyam, Dr. Sayantan Mandal,
Dr. Saurav Das, Dr. Khokan Mandi, Dr. Amartya Pal, Dr. Biswan Ojha

SENIOR RESIDENT (II)

Dr. Gourab Saha, Dr. Somlina Dutta, Dr. Sriyani Lahiri, Dr. Md. Khurshid Alam, Dr. Ashutosh Anand,
Dr. Sumedha Ghosal, Dr. Shifa Khan, Dr. Kukula Tshering Bhutia, Dr. Sabyasachi Konar

SENIOR RESIDENT (I)

Dr. Anik Guha Roy, Dr. Priya Chakraborty, Dr. Ojaswini Chaudhuri, Dr. Amanulla Sk., Dr. Prakhar Rohatgi,
Dr. Raktim Ghosh, Dr. Arel Murmu

MEDICAL TECHNOLOGISTS : 26

DRD STUDENTS :TOTAL SEATS CURRENTLY : 15

INTERNS - 11

2ND YEARS - 12

1ST YEARS - 13

FACULTY MEMBERS

PROFESSORS

Dr Srikrishna Mandal - HOD
Dr Suman Ghorai

ASSOCIATE PROFESSORS

Dr Anis Banerjee, Dr Sumitava De, Dr Anjan Bera

ASSISTANT PROFESSOR

Dr Shyam Sharma

RMO

Dr Chandrima Banerjee, Dr Parna Basu, Dr Arpan Jana, Dr Priyanka Das

MEDICAL OFFICER

Dr Biswarup Banerjee, Dr Avik Maji

SENIOR RESIDENT

Dr Debojyoti Manna, Dr Aparajita Sadhya, Dr Nishana Paul, Dr Linkon Biswas,
Dr Soumya Bose, Dr Koustav Biswas

POST GRADUATE TRAINEES (3rd Year)

Dr Doli Mridha, Dr Rajdeep Bose, Dr Asmita Dasgupta, Dr Anindita Ray,
Dr Poulomi Ghosh, Dr Firdoushi Khatun

POST GRADUATE TRAINEES (2nd Year)

Dr. Soham Gangopadhyay, Dr. Tanmoy Basak, Dr. Sidharth Kumar, Dr. Kuntal Konar,
Dr. Subhadip Panda, Dr. Soham Gangopadhyay

POST GRADUATE TRAINEES (1st Year)

Shramana Das, Soumya Layek, Athira Krishnan

NON - TEACHING STAFF

PHYSICIST CUM R.S.O

Angshuman Roy, Sandeep Ghosh, Bijendra Kr Mahato, Avik Kundu,
Sushovan Sinha Roy

RADIATION TECHNOLOGISTS

Anupam Mallick, Ardhendu Mondal, Sujay Kumar Basu, Niladri Sekhar Saha, Munmun Ghosh,
Snehashis Pramanik, Soumen Banduri, Rahul Kumar Dutta, Anjan Majumdar, Amit Pal,
Bharat Lal Yadav, Susmita Ghosh, Moumi Malakar, Chandan Jana, Apurba Kauri, Keya Hati,
Dipayan Bandopadhyay, Pritilata Santra, Raben Paul, Shyam Sundar

GR-D/GDA/OFFICE STAFFS

Uma Sankar, Rajkumar Indu, Subhasis Dutta, Jaleswar Das, Manindra Nath Biswas, Ram Ch Roy,
Kunti Devi, Sunita Devi, Nalini Dutta

NURSING STAFF

Sudipa Jana, Namita Maity, Sushila Samanta, Tiya Dutta, Priyanka Mondal, Seuli Mondal, Shibani Mondal, N Nahar, Moupriya Bhuniya, Soma Samanta, M Jana

Dissertations (Oct 2019 to Sept 2022)

Passed Out Batch/SR

1. Dr. Sudipta Chakraborty : A Prospective Study To Compare The Dose Distribution And Acute Toxicity Of Three-Dimensional Conformal Radiation Therapy(3dcrt) With Intensity –Modulated Radiation Therapy (Imrt) For Post-Mastectomy Radiotherapy In Breast Cancer Patients
2. Dr. Koustav Biswas : A Prospective Comparative Study On Muscle Invasive Bladder Cancer Treated By Bladder Preservation Approach Using Neoadjuvant Chemotherapy Followed By Radiotherapy Versus Concurrent Chemoradiation
3. Dr. Soumyo Bose : A Prospective Study To Determine The Safety And Efficacy Of Contralateral Sub-Mandibular Gland Sparing Radiation Therapy For Oral Cavity And Oropharyngeal Carcinoma
4. Dr. Pooja.R.Hiroli : A Prospective Study To Evaluate Difference In Dosimetry And Acute Toxicities In Pet Ct Based Radiation Therapy Planning Vs Only Ct Based Radiation Therapy Planning In Non Small Cell Lung Carcinoma
5. Dr.Shrutanjoy Adak :A Prospective Study To Evaluate The Response And Quality Of Life With Quad Shot Palliative Radiotherapy In Locally Advanced Or Metastatic Head And Neck Cancer

3rd Year PGT

1. Dr. Doli Mridha : A Prospective Study To Evaluate Safety And Clinical Outcome Of Intensity Modulated Radiotherapy Technique With Sequential Boost Vs Simultaneous Boost In Head And Neck Cancer
2. Dr. Asmita Dasgupta :A Prospective Study To Evaluate Clinical Outcome And Safety In Head And Neck Cancer Treatment By Intensity Modulated Radiation Therapy Technique With And Without Using Flattening Filter
3. Dr. Rajdeep Bose : Dosimetric Comparison And Correlation With Clinical Outcome In Pelvic Radiation With 6mv Vs Mixed Beam Conformal Radiation Therapy
4. Dr. Poulomi Ghosh : Evaluation Of Moderate Hypofractionated Radiotherapy In Intermediate To High Risk Prostate Cancer In A Tertiary Care Centre
5. Dr. Firdousi Babar : A Prospective Comparative Study For Evaluation Of Efficacy And Toxicity Between Neoadjuvant Short Course Radiotherapy Followed By Chemotherapy Versus Concomitant Chemoradiation In Locally Advanced Rectal Carcinoma.
6. Dr. Anindita Ray : A Prospective Study Of Evaluation Of Safety And Outcome In Elective Extended Field Imrt Along With Concurrent Chemotherapy In Locally Advanced Cervical Carcinoma

2nd Year PGT

1. Dr. Soham Gangopadhyay : Three Dimensional Conformal Radiotherapy Using Deep Inspiration Breath Hold Technique Versus Free Breathing Intensity Modulated Radiotherapy In Left Sided Breast Cancer - A Prospective Comparative Study
2. Dr. Tanmoy Basak : A Prospective Comparative Study Between Hypofractionated Radiotherapy Of Three Weeks Versus One Week In Treatment Of Carcinoma Breast

3. Dr. Sidharth Kumar : A Prospective Comparative Study To Compare The Response And Acute Toxicity With Standard Versus Adaptive Radiotherapy In Locally Advanced Head And Neck Cancer
4. Dr. Kuntal Konar : A Prospective Study To Compare Dosimetry And Haematological Toxicities Of Intensity Modulated Radiotherapy With Or Without Bone Marrow Sparing Pelvic Irradiation In Locally Advanced Cervical Cancer
5. Dr. Subhadip Panda : A Prospective Study To Assess Toxicity And Clinical Outcome With Fractionated Stereotactic Radiotherapy In Brain Metastasis

Publications (Oct 2021 To Sept 2022)

(The Paper With Multiple Authors From The Same Department Should Be Written Once Only.)

1. Mukherjee, Amit & Biswas, Linkon & Bose, Soumyo & Sharma, Shyam & Mandal, Srikrishna. (2022). A Prospective Comparative Study Of Concurrent Chemoradiation In Advanced Carcinoma Cervix Patients With Weekly Cisplatin Vs. Weekly Cisplatin And Paclitaxel. Mgm Journal Of Medical Sciences. 9. 10.4103/Mgmj.Mgmj_46_22.
2. Bandyopadhyay, Subhadip & Biswas, Linkon & Banerjee, Biswarup & De, Sumitava & Mandal, Srikrishna. (2022). A Prospective And Comparative Study On Concurrent Radiotherapy With Gefitinib Versus Radiotherapy Alone In The Treatment Of Elderly Patients With Carcinoma Oesophagus. 10.22159/Ajpcr.2022v15i7.44912.
3. Roy, Arabinda & Sarkar, Ratan & Biswas, Koustav & Biswas, Linkon. (2022). Concurrent Chemoradiotherapy Versus Accelerated Radiotherapy After Induction Chemotherapy In Inoperable Stage Iii Non-Small Cell Lung Carcinoma: A Prospective Comparative Study. International Journal Of Scientific Research. 11. 75-78. 10.36106/Ijsr/6402600.
4. Biswas, Koustav & Biswas, Linkon & Roy, Arabinda & Sharma, Shyam & Ghorai, Suman. (2022). A Prospective Comparative Study On Muscle Invasive Bladder Cancer Treated With Bladder Preservation Approach Using Neoadjuvant Chemotherapy Followed By Radiotherapy Versus Concurrent Chemoradiation. International Journal Of Scientific Research. 12-15. 10.36106/Ijsr/7600504.
5. Roy, Arabinda & Sharma, Shyam & Biswas, Linkon & Gupta, Phalguni. (2022). A Prospective Comparative Study Between Concurrent Chemo Radiotherapy With Cisplatin And Etoposide Versus Paclitaxel And Carboplatin In Locally Advanced Non Small Cell Lung Carcinoma. International Journal Of Scientific Research. 49-51. 10.36106/Ijsr/6407522.
6. Dutta, Shatarupa & Banerjee, Saptarshi & Bera, Anjan & Mandal, Srikrishna & Banerjee, Chandrima. (2022). Double Primary – The Pattern Of Care, And Epidemiology: Experience From A Tertiary Cancer Care Center. Asian Journal Of Pharmaceutical And Clinical Research. 80-83. 10.22159/Ajpcr.2022.V15i9.45261.
7. Dutta, Shatarupa & Banerjee, Saptarshi & Bera, Anjan & Mandal, Srikrishna & Banerjee, Chandrima. (2022). Medullary Carcinoma Of The Breast-Epidemiology, The Pattern Of Care, And Treatment Outcome: Experience From The Tertiary Cancer Care Center. Asian Journal Of Pharmaceutical And Clinical Research. 137-139. 10.22159/Ajpcr.2022.V15i9.45262.
8. Daripa, Sharmistha & Banerjee, Saptarshi & Sadhya, Aparajita & Bera, Anjan. (2022). Toxicity And Treatment Outcome Of Accelerated Fractionation Radiotherapy Versus Conventional Fractionated Concomitant Chemoradiation In Locally Advanced Cervical Carcinoma: A Prospective Study. Asian Journal Of Pharmaceutical And Clinical Research. 127-131. 10.22159/Ajpcr.2022.V15i8.45120.

9. Goswami, Uddiptya & Banerjee, Saptarshi & Dutta, Shatarupa & Bera, Anjan. (2022). Treatment Outcome And Toxicity Of Hypofractionated Radiotherapy With Concomitant Chemotherapy Versus Conventional Fractionated Concomitant Chemoradiation In Locally Advanced Head-And-Neck Carcinoma: A Comparative Study. Asian Journal Of Pharmaceutical And Clinical Research. 167-171. 10.22159/Ajpcr.2022.V15i7.44857.
10. Banerjee, Chandrima & Banerjee, Saptarshi & Dutta, Shatarupa & Bera, Anjan. (2022). Treatment Outcome And Toxicity Of Neoadjuvant Chemotherapy Followed By Concomitant Chemoradiotherapy Versus Concomitant Chemoradiation Alone In Locally Advanced Cervical Carcinoma: A Comparative Study. Asian Journal Of Pharmaceutical And Clinical Research. 114-118. 10.22159/Ajpcr.2022.V15i7.44947.
11. A Bandyopadhyay, A Ghosh, B Chhatui, D Das patterns Of Failure And Arm Disability Following Postmastectomy Hypofractionated Chest Wall Radiotherapy In Resource-Constrained Tertiary Care Practice Setting: A Mono ... Clinical Cancer Investigation Journal 10 (6), 283-283

Conference & CME Program (State/National Level) Arranged by The Department

1. Contouring Workshop On Breast Cancer And Head And Neck Cancer
2. Brachytherapy- Basic Science And Clinical Applications.
3. Prostate Cancer- Outline Of Management.
4. Castrate Resistant Prostate Cancer.
5. Particle Beam Therapy.
6. Targeted Molecules For Metastatic Adenocarcinoma Lung.
7. Multimodality Approach In Head & Neck Cancers.
8. Statistical Methods For Thesis Writing And Clinical Research.
9. Different Errors Related To Igrt- It's Better To Get Bit Toxicity Rather Than Recurrence.
10. Management Of Rectal Cancer.
11. Brain Metastasis- Management And Controversies.
12. Oncological Emergencies.

Achievements

1. Precision Radiotherapy Being Delivered Through 2 (Two) Linear Accelerator Machines "Truebeam" And "Vitalbeam", More Than 300 Patients Has Already Been Treated In These Machines.
2. Around 5 thousand New Cancer Patients Being Given Treatment in The Department.

Achievement by The Students

- a) Ug Students Under Guidance Of Faculty Members Of Department- Na
- b) Pg Students Dr Rajdeep Bose Was Awarded The 2nd Prize In The All India ICRO Quiz In September 2022
- c) Other Students Doing Short Term Projects Or Training Under Guidance Of Faculty Members Of Department

Achievement by The Faculty Members

Only Some Special and Extra Ordinary Achievements to Be Mentioned. Attending Conference or Chairing a Session Will Not Be Considered. Presenting A Paper Or Getting Award In A State/Zonal/National Level Conference To Be Considered Only.

NA

FACULTY MEMBERS

DIRECTOR : Dr. D. K. Panda

MEDICAL OFFICERS : Dr. Abhijit Purkait, Dr. Haran Ch Sarkar, Dr. Sujit Bhattacharya

M. T. (LAB)

Kalyan Mukherjee, Subodh Roy, Gouranga Prasad Dalal, Mita Sarkar, Abhi Mondal,
Dharmendra Prasad Gupta, Subrata Sarkar, Saikat Halder,
Antara Nag (Contractual), Aranya Das (Contractual), Keshab Ch Das (Contractual), Souvik Chatterjee (Contractual),
Somnath Deb (Contractual), Arpita Roy (Contractual), Aditi Adhikari (Contractual)

TECHNICAL SUPERVISOR OF BCSU : Debapriya Sarkar

COUNSELLOR : Soumita Kundu (Contractual), Susmita Kundu (Contractual)

AREA : 3500 Sqft

NUMBER OF ROOMS : 18

LICENCE No. : DL-43MB/SLA/CLAA/WB

LICENCE No.

Whole Human Blood (IP), Conc. RBC (PRBC), Fresh Frozen Plasma (FFP)
Platelet Rich Plasma (PRP), Platelet Conc. (RDP), Cryo Ppt.
Single Donor Platelet (SDP) by Aphaeresis Method

Activities

1. NRSMCH Regional Blood Transfusion Centre is one of the largest RBTC with which 7 district and Sub-Divisional Hospital Blood Centres are attached. It has to provide technical support to all the Blood Centres attached to it.
2. NRSMCH Blood Centre is one of the largest Blood Centre among Teaching Institutions with an annual collection of about 30 Thousand units of blood. More than 90% of those collections come from Voluntary Blood Donation camps. More than 500 out door Blood Donation camps are conducted per year.
3. The Blood Centre has a state of the art Component Separation Unit that separates more than 99% of total Blood collected. It has all the Equipments, Instruments and Accessories available for that purpose.
4. It is one of the few Institutions in the part of the country where Cross Matching/DAT/IAT/Du Tests are done by Gel Technology Method. Phenotyping of Red Cells also done here.
5. Activities of this Blood Centre are conducted through a fully automated Computerized System having interconnectivity with some other Blood Centres in the State.
6. It has a capacity to store Three Thousand units of Blood at any given time.
7. This Blood Centre supplies about 175 units of Blood and Blood Components everyday, which is the one of the highest when compared to the other Teaching Institutions in West Bengal. It not only fulfills the need of the patient's of this Hospital, but also supplies Blood to the patient of other Hospitals.
8. It has scope of further development with additional infrastructural support.

FACULTY MEMBERS

PROFESSORS

Dr. Jaydip Deb - HOD

Dr. Pulak Kumar Jana

RMO CUM CLINICAL TUTOR

Dr. Sukanta Kodali, Dr. Arijit Biswas, Dr. Priyanka Ray

SENIOR RESIDENT

Dr. Papia Mondal

MEDICAL OFFICER (NTEP)

Dr. Tasmita Deb

POST GRADUATE TRAINEES (last 3 years)

Dr. Madhurima Maity, Dr. Abhishek Dey, Dr. Bidisha Haldar, Dr. Kohena Roy, Dr. Sudip Mistry,
Dr. Nurujjaman Sarkar, Dr. Anubhab Moulik, Dr. Nazmus Saquib, Dr. Sabna, Dr. Rajib Pal,
Dr. Swati, Dr. Golam Ahammad Mondal

NON - TEACHING STAFF

M.T (Critical Care) : Niraj Kumar

M.T (N.T.E.P) : Sk. Wasim Raja

T.B.H.V (N.T.E.P) : Gulam Guisul Wara Ansari

STENO & OFFICE ASSISTANT : Soumen Sarkar

M/G.D.A : Dinesh Prasad, Monotosh Acharya

KARMA BANDHU : Bhim Das

Dissertations (Oct 2019 to Sept 2022)

1. Dr. Madhurima Maity : A Study to Detect the Efficacy of Cell Block from Bronchial Washing in The Diagnosis of Suspected Endobronchial Lesion
2. Dr. Abhishek Dey :A Study to Compare Serum Electrolyts, Crp, Vitamin D3 Levels and Assess It's Progonis in Patients with Stable Versus Acute Exacerbations of Chronic Obstructive Pulmonary Disease
2. Dr. Bidisha Haldar : A Study to Assess C-Reactive Protein and Echocardiography with Pulmonary Arterial Systolic Pressure Changes in Stable Chronic Obstructive Pulmonary Disease Patients
3. Dr. Kohena Roy : Comparison Between Peripheral Venous Blood Gas and Arterial Blood Gas Analysis in Patients Admitted in Respiratory Medicine Department
4. Dr. Sudip Mistry : Prevalence Of Obstructive Sleep Apnoea Among Patients with Stable Chronic Obstructive Pulmonary Disease Attending A Tertiary Care Hospital
5. Dr. Nurujjaman Sarkar : Evaluation Of Outcome of Bipap in Management of Hypercapnic Respiratory Failure Patients in Acute Exacerbation of Chronic Obstructive Pulmonary Disease in A Tertiary Care Hospital
6. Dr. Anubhab Moulik : A Study on Spirometry, Dlco (Diffusing Capacity for Carbon Monoxide) And Hrcr

- Thorax Findings in Dpld Patients Attending A Tertiary Medical Centre
7. Dr. Nazmus Saquib : A Study to Calculate the Prevalence and Determine Profile of Sleep Disordered Breathing and Obstructive Sleep Apnea in Patient with Diffuse Parenchymal Lung Diseases at The Respiratory Medicine Department of A Tertiary Care Hospital in Kolkata
 8. Dr. Sabna : A Study on Sputum Bacteriology, Antibiotic Sensitivity Pattern and Length of Hospital Stay in Acute Exacerbation of Chronic Obstructive Pulmonary Disease in A Tertiary Care Hospital
 9. Dr. Rajib Pal : A Study on Yield & Complication of Ct Guided Trucut Lung Lesion Biopsy in A Tertiary Care Hospital
 10. Dr. Swati : A Cross Sectional Study of The Feasibility of Oxygen Supplementation Via Bains Circuit in Patients Undergoing Flexible Fiberoptic Bronchoscopy for Diagnostic Purpose in A Tertiary Care Hospital
 11. Dr. Golam Ahammad Mondal : A Study to Compare High Flow Nasal Cannula Oxygen Therapy Versus Non-Invasive Ventilation in Chronic Obstructive Pulmonary Disease with Acute Hypercapnic Respiratory Failure

Publication

Dr. Jaydip Deb :

- a) Title: A clinico epidemiological study of the first out break of Nipah virus in India – Report from ground Zero. Journal: IJMRR. 2020 Vol 8 No 3 May-June
- b) “Diagnostic role of bronchoscopy in nonresolving pneumonia” International Journal of Scientific Research Vol – 11, Issue – 03, March – 2022, ISSN No. 2277-8179,
- c) Role of Ultrasound and CT Guided FNAC and Tru-Cut Biopsy in in the Diagnosis of Intra-Thoracic Lesions - International Journal of Scientific Research Vol – 11, Issue – March 2022, ISSN No. 2277-8179,
- d) Correlation of Perceived Dyspnea with 6 Minute Walk Test and Spirometric Findings in Diffuse Parenchymal Lung Disease Pattients in a Tertiary Care Hospital - International Journal of Scientific Research Vol – 11, Issue – March 2022, ISSN No. 2277-8179,
- e) A Study of Microbiological Profile and Sensitivity Pattern in Patients with Exacerbation of Bronchiectasis in a Tertiary Care Hospital, International Journal of Current Microbiology and Applied Sciences Vol – 11, No. – 02 ISSN – 2319-7706, 2022
- f) A clinico-epidemiological study of the first outbreak of Nipah virus in India - report from ground zero, International Journal of Medical Research and Review Vol. 8, No. 3, ISSN - 2320-8686, PISSN - 2321-127x

Dr. Pulak Kumar Jana

- a) Title: Role of Ultrasonography in Evaluation of Peripheral Intrathoracic Mass Lesions: A Viable Alternative of Computed Tomography. Journal: IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) e-ISSN: 2279-0853, p-ISSN: 279-0861, Vol :20, Issue: 2Ser:5 (February 2021)

Conference & CME programmes arranged by the Departments

Conference held in every year on Asthma Day. and World TB Day.

CME Programmes

- i) ACP Bi-monthly clinical meeting
- ii) Regular CME Programme as per departmental schedule (Twice in a week)
- iii) On World TB Day (24th March) arranged Seminar and fruits were distributed among the indoor admitted patients.
- iv) NTEP core committee meeting held at Seminar Room in Respiratory Medicine.

FACULTY MEMBERS

PROFESSORS

Dr. Sudev Saha - HOD
Dr. Sankar Das Chattopadhyay, Dr. Utpal De, Dr. Debasis Ray

ASSOCIATE PROFESSORS

Dr. Amit Roy, Dr. Sanjay Maitra, Dr. Arijit Maitra, Dr. Asis Kumar Saha

ASSISTANT PROFESSORS

Dr. Debasis Samadder, Dr. Asif Ayaz, Dr. Sudip Das, Dr. Vishwa Prakash Das,
Dr. Parvej Sultan, Dr. Sourav Manna

RMO CUM SENIOR RESIDENT

Dr. Sabyachi Bakshi, Dr. Somdev Sil, Dr. Pratik Bhatler, Dr. Ravi Kr. Singh, Dr. Soumyaditya Chakraborty,
Dr. Saquib Hossain, Dr. Sana Siddique, Dr. Krishnendu Mondal, Dr. Bhaskar Barai, Dr. Satrajit Sen,
Dr. Samriddhi Poddar, Dr. Aparna Basumatary, Dr. Kaushik Biswas, Dr. Ritankar Patra

POST GRADUATE TRAINEES (3rd year)

Dr. Angel Ivy Toppo, Dr. Risabh Dagra, Dr. Sucheta Sarkar, Dr. Manojit Sarkar, Dr. Yeshay Dorjey Bhutia,
Dr. Tulika Jaiswal, Dr. Saptarshi Bhattacharya, Dr. Ramita Mukherjee, Dr. Arnab De, Dr. Riya Agarwal

POST GRADUATE TRAINEES (2nd year)

Dr. Jaydeep Mandal, Dr. Riyaz Ahmed Ansari, Dr. Krishna Prasad, Dr. Saugata Ghosh,
Dr. Tathagata Sahoo, Dr. Md. Intekhab Alam, Dr. Chandra Nath Saha, Dr. Debarati Choudhuri,
Dr. Prantik Kr. Jana, Dr. Rahul Bhanja Chowdhury

POST GRADUATE TRAINEES (1st year)

Dr. Debasmita Kundu, Dr. Bipratim Sarkar, Dr. Bipasha Saha, Dr. Abhijit Dey, Dr. Deeksha Barman,
Dr. Argha Goswami, Dr. Kasturi Biswas

NON - TEACHING STAFF

GDA

Debabrata Sarkar

HOUSE KEEPING

Sujit Turi, Monaj Bagdi

Dissertations (Oct 2021 to Sept 2022)

1. Dr. Jaydeep Mandal : Comparison of Margin Clearance Accuracy Between Ultrasonography Guided Wide Local Excision and Conventional Wide Local Excision in Early Breast Carcinoma.
2. Dr. Riyaz Ahmed Ansari : Assessment of Risk Factors for Development of Incisional Hernia Following Emergency Laparotomy at Nilratan Sircar Medical College and Hospital: A Record Based Case Control Study.

3. Dr. Krishna Prasad : Indications for Creation of Enteric Stoma at Emergency Laparotomy Among Adult Patients with Acute Abdomen
4. Dr. Saugata Ghosh : Determination of Aetiological Factors of Post Cholecystectomy Syndrome in A Tertiary Centre in Eastern India
5. Dr. Tathagata Sahoo : Comparison of Efficacy of Hydrodissection Versus Conventional Dissection in Laparoscopic Cholecystectomy in Acute Cholecystitis on Index Admission.
6. Dr. Md. Intekhab Alam : Comparative Study Between Apache-II Scoring and Ct Severity Index in Acute Gallstone and Alcoholic Pancreatitis.
7. Dr. Chandra Nath Saha : An Observational Study on Perioperative Factors Predicting Prolonged Post Operative Ileus in A Case of Emergency Small Bowel Surgery
8. Dr. Debarati Choudhuri : Comparison of Accuracy Between Mannheim's Peritonitis Index and Jabalpur Score in Prediction of Mortality in Perforative Peritonitis Patients Presenting for Emergency Surgery in A Government Medical College of Kolkata
9. Dr. Prantik Kr. Jana : Necrotizing Soft Tissue Infection Involving Lower Extremities: Management Strategies with Special Mention of Laboratory Risk Indicators – An Observational Study in A Tertiary Care Institute.
10. Dr. Rahul Bhanja Chowdhury : Pre-Operative C-Reactive Protein to Albumin Ratio (Car) As Predictor of Post-Operative Anastomotic Leak in Elective Gastrointestinal Surgery

Publication

(The paper with multiple authors from the same Department should be written once only)

- 1) Professor Leslie H. Blumgart—Pioneering Hepatopancreaticobiliary Surgeon: a Tribute Kaushik Bhattacharya¹ · Neela Bhattacharya² · Utpal De³ - Indian Journal of Surgery
- 2) <https://doi.org/10.1007/s12262-022-03601-2>
- 3) Innovative choledochoscope for simulation based training in resource limited setting - Sucheta Sarkar¹, Uditangshu De², Saurav Manna³ and Utpal De - DOI: 10.1177/00494755221125068 journals.sagepub.com/home/tdo
- 4) “De novo” familial adenomatous polyposis (FAP) presenting as rectal cancer - Riya Agrawal | Utpal De - DOI: 10.1002/ccr3.4106
- 5) Neglected Exomphalos Major: Despair to Hope - Riya Agrawal¹ · Somdev Sil¹ · Utpal De¹ - <https://doi.org/10.1007/s12262-022-03488-z>
- 6) Injection syringe designed as surgical tools in resource-limited settings - Sucheta Sarkar¹, Bhaskar Barai¹, Ritankar Sengupta² and Utpal De³ - DOI: 10.1177/004947552211019609 journals.sagepub.com/home/tdo
- 7) Giant Dormant Aorto-caval Paraganglioma—a Pictorial Vignette - Riya Agrawal¹ · Saurav Manna¹ · Utpal De¹ - Indian Journal of Surgery, <https://doi.org/10.1007/s12262-022-03357-9>
- 8) S Bakshi: Bakshi, S. Spontaneous trans-anal extrusion of caudally migrated ventriculo-peritoneal shunt tip in a child: a case report. *surg case rep* 6, 50 (2020). <https://doi.org/10.1186/s40792-020-00813-0>

- 9) S Bakshi: Bakshi, S., Mandal, N. Evaluation of role of hyperbilirubinemia as a new diagnostic marker of complicated appendicitis. BMC Gastroenterol 21, 42 (2021). <https://doi.org/10.1186/s12876-021-01614-x>
- 10) S Bakshi: Bakshi, S. Infected femorocele: case report of an extremely rare surgical condition in a middle-aged lady suffering from a painful inguinal swelling. surg case rep 5, 153 (2019). <https://doi.org/10.1186/s40792-019-0716-4>
- 11) S Bakshi: "Bakshi, S. Pancreatic abscess within hepato-gastric ligament: case report of an extremely rare disease. BMC Surg 20, 20 (2020). <https://doi.org/10.1186/s12893-020-0688-0>
- 12) S Bakshi: Bakshi, S. Bilateral spontaneous thrombosis of the pampiniform plexus mimicking incarcerated inguinal hernia: case report of a rare condition and literature review. surg case rep 6, 47 (2020). <https://doi.org/10.1186/s40792-020-00810-3>
- 13) S Bakshi: Bakshi, S. Incidentally detected pancake kidney: a case report. J Med Case Reports 14, 129 (2020). <https://doi.org/10.1186/s13256-020-02455-0>
- 14) S Bakshi: Samanta PK, Sarkar R, Bakshi S. Comparison of pre-operative ultrasonography and magnetic resonance cholangiopancreatography with intra-operative surgical findings among patients suspicious to choledocholithiasis. Int Surg J 2020;7:1977-84.
- 15) S Bakshi: Mandal S, Samanta S, Bakshi S, Dash D. Urinary tract infection in nephrotic syndrome in pediatric age group: a hospital based cross-sectional study. Int J Contemp Pediatr 2020;7:1787-91.
- 16) S Bakshi: Mandal A, Jana P, Bakshi S, Mandal RK. A comparative clinicopathological study between ultrasonography, mammography, fine needle aspiration cytology and core needle biopsy of breast lump. Int Surg J 2020;7:2325-31.
- 17) S Bakshi: Maiti B, Bakshi S. A comparative study of the efficacy of nanocrystalline silver gel and silver sulfadiazine cream on the healing of second degree burn wound. Int Surg J 2020;7:4076-82.
- 18) S Bakshi: Saha SB, Bakshi S, Mandal T. Helicobacter pylori infection and its correlates among the patients of peptic perforation and gastric carcinoma. Int Surg J 2020;7:1518-25.
- 19) S Bakshi: Mandal A, Ghosh A, Bakshi S. Low pressure versus standard pressure pneumoperitoneum in laparoscopic cholecystectomy: a comparative study. Int Surg J 2020;7:1551-61.
- 20) S Bakshi: Naskar B, Bakshi S, Mandal T. Management of infections with Mycobacterium other than tuberculosis as a complication of surgical procedures. Int Surg J 2020;7:2275-82.
- 21) S Bakshi: Bakshi S, Samanta S. Urinary tract infection in nephrotic children: A cross-sectional study. J Integr Nephrol

FACULTY MEMBERS

PROFESSORS

Dr Tapan Kr Mandal - HOD

Dr Tapas Kr Majhi

ASSISTANT PROFESSORS

Dr Partha Pratim Das, Dr Md Dawood Khan

MEDICAL OFFICERS

Dr Debdas Ghosal, Dr Lalit Kr Naskar

POST DOCTORAL TRAINEES (3rd year)

Dr Dipankar Bera, Dr Vishal Kashyap

POST DOCTORAL TRAINEES (2nd year)

Dr Saurav Karmakar, Dr Asim kr Das

POST DOCTORAL TRAINEES (1st year)

Dr Rahul Roy, Dr Anupam Anand

Dissertations (Oct 2019 to Sept 2022)

- 1) Study of correlation between ki67 and clinicopathological characteristics of carcinoma urinary bladder: Dr Gaurav Tulsiyan
- 2) A Clinicopathological study on the association of carbonic anhydrase IX with T-stage, tumor size, grade and lymphovascular invasion in Renal Cell Carcinoma: Dr Bishwarup Guha
- 3) Comparison of tubeless mini percutaneous nephrolithotomy versus retrograde intrarenal surgery for renal calculi of less than and equal to 2 cm size of stone- Dr Vishal Kashyap
- 4) A Clinicopathological study on the association of vascular endothelial growth factor (VEGF) with stage, grade and lymphovascular invasion in renal cell carcinoma: Dr Dipankar Bera
- 5) Comparative study between monopolar TURP (M-TURP) and holmium laser enucleation of prostate (HoLEP)- Dr Asim kumar Das
- 6) A prospective comparative study of predictors of acute urinary retention (AUR) in benign prostatic hyperplasia (BPH) patients.- Dr saurav karmakar.

Publication

1. Cutaneous vesicostomy in infants and children with posterior urethral valve: experience from a tertiary teaching hospital in eastern india : Dipankar Bera, Tapan Kumar Mandal, Vishal Kashyap, Bishwarup Guha, Gaurav Tulsiyan, Shashanka Dhanuka. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) e-ISSN: 2279-0853, p-ISSN: 2279-0861. Volume 20, Issue 4 Ser.1 (April. 2021), PP 38-41
www.iosrjournals.orgDOI: 10.9790/0853-2004013841

2. Presentation of adrenal mass in a tertiary care centre in Kolkata : Saurav Karmakar, Asim Kumar Das, Anupam Anand, Rahul Roy, Tapan Kumar Mandal: Clin. Invest. (Lond.) (2022) 12(6), 108-112
3. Complex hypospadias reconstruction: Ulaan Baatar technique revisited : Asim K. Das, Saurav Karmakar*, Tapan K. Mandal, Tapas K. Majhi, Vishal Kashyap, Dipankar Bera, Partha P. Das. Int Surg J. 2021 Nov;8(11):3354-3358

Ongoing research works

- a) Bladder neck incision in young male with primary bladder neck obstruction;our results. Dr Asim kr das, Dr saurav karmakar, Dr T K Mondal, Dr Tapas Kr Majhi, Dr Partha Pratim Das, Dr Md Dawood Khan
- b) Ureterocalicostomy as a salvage procedure-our results in a tertiary care centre in eastern india, a case series. Dr Asim kr Das, Dr saurav karmakar, Dr Tapan Kr Mandal, HOD, Dr Tapas Kr Majhi, Dr Partha Pratim Das, Dr Md Dawood Khan
- c) Fasciocutaneous penile skin flap in long segment anterior urethral stricture. Dr saurav karmakar, Dr Anupam anand,Dr Tapan Kr Mandal, HOD, Dr Tapas Kr Majhi, Dr Partha Pratim Das, Dr Md Dawood Khan
- d) Flap pyeloplasty vs dismembered pyeloplasty in PUJO. A comparison of outcome and results. Dr saurav karmakar,Dr Tapan Kr Mandal, HOD, Dr Tapas Kr Majhi, Dr Partha Pratim Das, Dr Md Dawood Khan

Conference and CME programs arranged by the Department:

- 1) Workshop on urethroplasty: various techniques demonstrated in urethral strictures on 21/04/2022.
- 2) Interdepartmental Clinical meet on multiparametric MRI (MPMRI) of prostate -21/05/2022
- 3) 3 days Workshop on complex urethral strictures, PFUDD: 21/06/22 - 23/06/2022. Internationally acclaimed famous urologist Ex USI president Dr Ganesh Gopalakrishnan was invited and he has done 5 cases for teaching purposes. Also a clinical meeting held on management of genitourinary tuberculosis
- 4) Clinical meet on hormonal therapy in prostatic carcinoma - 20/08/2022
- 5) Case Presentation/Surgical Audit - every Saturday
- 6) Seminar/Journal Club - every Thursday
- 7) Grand Round- Saturdays

Achievements by the faculties or students

- a) Renal transplant program has been started in July' 2021 and it is running successfully. Our department is only the second in any Government set up after SSKM hospital where this program is ongoing.
- b) Wide range of pediatric urology cases are going on by minimally invasive techniques starting from neonates upto 12 yrs age
- c) Video presentation in BUSCON' 2022 by Dr. Vishal Kashyap, Dr. Saurav Karmakar, Dr. Asim Kumar Das
- d) 1st prize in quiz in Buscon'2022 – Dr. Saurav Karmakar
- e) Podium and poster presentation in USICON 2022 by Dr. Vishal Kashyap, Dr. Saurav Karmakar
- e) Case presentation by Dr. Anupam Anand in intercollege clinical meet

Dr Abhijit Purkait	Dr Indrani Nag (Das)	Dr Sanjay Ghosh
Dr Achyuta Prasad Goswami	Dr Jharna Mongal	Dr Sanjay Kr De
Dr Amit Kr Mondal	Dr Kinkar Kr Bhowmik	Dr Sarmistha (Mandal) De
Dr Apurba Kumar Roy	Dr Krishnendu Chakraborti	Dr Soma Ray
Dr Arup Mukhopadhyay	Dr Lalit Naskar	Dr Soumitra Sengupta
Dr Mijanur Rahaman	Dr Malay Kr Chakraborty	Dr Suparna Basu
Dr Biswajit Mandal	Dr Mausumi Das	Dr Susanta Kr Bar
Dr Biswajit Roy	Dr Mira Mandal (Mallick)	Dr Susmita Goswami
Dr Chaitali Bakuli (Sahana)	Dr Mohan Maitra	Dr Tapan Chandra Sarkar
Dr Deb Jyoti Ghosh	Dr Mritunjay Mishra	Dr Tapas Kanti Baral
Dr Debdas Ghosal	Dr Nirmalya Sengupta	Dr Ujjwaini Roy
Dr Deboprasad Mondal	Dr Pamela Ghosh	Dr Tarun Kr Naskar
Dr Dibyendu Sundar Mondal	Dr Pradip Guha Thakurta	Dr Amit Kr Ghosh
Dr Dipak Ray	Dr Prasanta Kr Sinha	Dr Soubhik Halder
Dr Dipankar Mukhopadhyay	Dr Ranjit Saha	Dr Santanu Pal
Dr Dilip Kr Panda	Dr Rubiya Sarkar	Dr Mousumi Barman
Dr Gouranga Malakar	Dr Sakshi Gopal Saha	Dr Arun Basu
Dr Haran Chandra Sarkar	Dr Sampa Maulik (Banerjee)	Dr Avik Maji

Offices



Entrance of Administrative Block



Lady Elliott Hostel for
Lady Students

HEAD CLERKS

Ms Sutapa Chakraborty, Ms Asima Chatterjee, Mr Kalyan Rakshit

UD CLERKS

Ms Suparna Dey, Ms Sudeshna Ganguly, Mr Sayan Mitra, Mr Abhijit Chattopadhyay,
Mr Kalyan Neogi, Mr Subrata Ranjan Das, Mr Rabi Kumar Singh

LD CLERKS

Ms Soma Chakraborty, Mr Tapan Kr Mukherjee, Mr Swapan Kr Das, Mr Bilash Saha

STORE IN-CHARGE

Mr Adwaita Adak

DRIVERS

Mr Rajendra Lal Routh, Mr Biswajit Biswas

GROUP D STAFF & MESS WORKER

Mr subhransu Samanta, Mr. Chinu Lal Kuri, Mr Anima Sosan Barla, Mr Rajesh Hela,
Mr. Sibsankar Das, Mr Ardhendu Khanra, Mr Biswanath Barik, Mr Ranjan Das,
Ms Bandana Paul, Mr Mithun Sadhukhan, Mr Shyamal Kr Gol,
Mr Pappu Dom, Mr Tarak Turi, Mr Arijit Das, Ms Manju Devi,
Mr Prosenjit Biswas, Mr Sukdev Sahu,
Mr Madhusudan Das,
Mr Sujit Ballav



Large Lecture Theatre

HEAD CLERKS

Mr. Sandipan Nath, Smt. Sumita Dutta Chowdhury, Ms. Kalpana Sen, Mr. Sankar Majumder

UPPER DIVISION CLERKS

Mr. Shiladitya Chakraborty, Ms. Madhumita Halder, Ms. Jenia Banerjee, Ms. Moumita Chatterjee,
Mr. Deepak Ray, Mr. Shibu Das, Smt. Suchandra Kundu, Mr. Sajal Kar

LOWER DIVISION CLERKS

Smt. Ria Chowdhury, Mr. Shyamal Chatterjee, Smt. Debarati Bhadury

OPHTHALMIC ASSISTANTS

Mr. Prasanta Paul, Mr. Anirban Ghosh

LINEN KEEPERS

Mr. Suchittam Mandal, Mr. Sukanta Bhattarchya, Mr. Sahana Karam

MEDICAL TECHNOLOGISTS

Mr Kalyan Kr Chattopadhyay, Mr Dibyendu Ghosh, Ms Susmita Manna, Mr Chandrachur Majumder,
Mr Animesh Roy, Mr Rahul Mahapatra, Mr Chinmoy Dey, Mr Mrityunjoy Roy, Mr Avijit Majumder,
Mr Alok Mondal, Mr. Biswajit Chakraborty, Mr. Dabasis Jana, Mr. Somnath Banerjee, Smt. Ishita Dey Das

MEDICAL TECHNOLOGISTS

Ms Pratima Dey, Ms Susmita Sarkar, Mr Prasanta Kumar Das, Mr Amit Dutta, Mr Joydev Jana,
Mr Soumen Karak, Mr Gopal Ch Gayen, Mr Abhijit Paul, Mr Narayan Ch Das, Mr Nilladri Sekhar Saha,
Mr Kaushik Roy, Ms Sulochana Gupta, Mr Gora Chand Banerjee, Ms Sushmita Ghosh,
Mr Sujoy Kumar Basu, Mr Biswajit Chakraborty, Mr Bireswar Sanyal, Mr Ujjal Dutta Roy,
Mr Dibyendu Mandal, Mr Jayanta Pal, Ms Subarna Chatterjee, Mr Sk. Asrafal, Mr Arindam Deb,
Mr Anupam Mallick, Mr Kalyan Kr Mukhopadhyay, Mr Abhijit Paul, Mr Sandip Pal, Ms Sohini Thakur,
Mr Manab Mitra, Mr Animesh Manna

PHARMACISTS

Mr Amit Kumar Jana, Mr Nityananda Mondal, Mr Shyamal Kr Koley, Mr Ujjwal Kr Pattanayak,
Mr Subrata Roy, Mr Briti Guru, Mr Joydev Kundu, Mr Pranab Kr Barik, Mr Adwaita Kr Adak,
Mr Amit Mondal, Mr Asit Kumar Guria, Mr Mlay Kr Bhowmick, Mr Nabaratan Mondal,
Mr Prabhat Kiran Mondal, Mr Arup Pasta, Mr Soumendra Maity, Mr Debabrata Ghosh,
Mr Rajsekher Majhi, Mr Sandip Kr Mondal, Mr Ashok Kr Chowdhury, Mr Pradip Kr Banerjee,
Mr Subodh Kr Majhi, Mr Alok Kr Sarkar, Mr Samir Kr Manna, Mr Bikash Nandi, Mr Sekher Kr Pal,
Mr Gurucharan Jana, Smt Manidipa Nandy, Mr Nitai Chandra Ghosh

PHYSIOTHERAPIST

Mr Ujjwal Pal, Pramila Kumari, Antony Kabasi, Facility Manager, Mr Ashoke Kr Chakraborty,
Mr Shyamal Ganguly, Mr Soumitra Brahma, Mr Narayan Chandra das

STORE KEEPER : Mr Kaushik Bose

TELEPHONE OPERATOR : Ms Rina Bose

DRIVER : Mr Dipankar Naskar, Mr Lakshman ch Saha

NURSING SUPERINTENDENT

Ms Kalyani Mohanta

DEPUTY NURSING SUPERINTENDENT

Ms Mitali Adhikary, Ms Kakali Bera, Ms Sikha Biswas, Ms Lakshmi Das, Ms Gouri Dey,
Ms Ananya Mondal, Ms Alpana Maity, Ms Rupali Chakraborty, Ms Arundhati Ghosh, Ms Rekha Halder,
Ms Shampa Mitra, Ms Ushosee Ghosh

NUMBER OF SISTER IN CHARGE : 106

NUMBER OF STAFF NURSE : 866

PROGRAMMES ORGANISED

Training Programmes for Staff Nurses :

SBA Training, Skill Lab Training, FBNC Training, Infection Control & Quality Assurance Training,
Skill training in I/V Infusion, Training for PPIUCD, Training for Jatak Seva, Training for Matrima Portal,
Training for BMW Management

Other Training Programmes :

Training on Management of childhood Pneumonia
Training on control of VBD

Achievements

1. Total 25 Nursing Personnel went for higher studies (M.Sc 05) & Post Basic B.Sc Nursing(20) with government sponsorship.
2. Total 03 nursing staff continuing CHO training
3. Participation in TNAI & SNA activities & are also done with great enthusiasm.
4. Attend different type of conferences for development of skill.

PRINCIPAL

Mrs Saraswati Barui

SENIOR LECTURERS

Ms. Susmita Sengupta, Ms. Arpita Bondhopadhyay, Ms. Rita Maity

SENIOR FACULTY / FACULTY

Ms. Azma Khatoon, Ms. Papiya Saha Bera, Ms. Sushma Prasad, Ms. Mahuya Maity, Ms. Aparna Ari

CLINICAL INSTRUCTORS

Ms. Rina Dutta, Ms. Swagata Mukhopadhyay, Ms. Baisakhi Sarkar, Ms. Mita Mandal, Ms. Shipra biswas, Ms. Suprabha Majumder, Ms. Tulu Sikdar, Ms. Sayantani Mondal, Ms. Arpia Dutta, Ms. Jaysree Pal

POST GRADUATE TRAINEES (Msc Nursing 2nd year)

Ms. Riya Sarkar, Ms. Madhurima Routh, Ms. Chaitali Mandal, Ms. Manisha Pal Das, Ms. Satabdi Roy, Ms. Sampa Bose Das, Ms. Sudipta Ghosh, Ms. Laxmi Dhone, Ms. Soma Karmakar Das, Ms. Shipra Biswas mondal, Ms. Indrani sanyal, Ms. Sulata Jana, Ms. Aparna Paul, Ms. Samprity kanjilal, Ms. Sayani sarkar, Ms. Ringi Ongmes Lepcha, Ms. Uma Rani Das, Ms. Sonali Chakraborty, Ms. Shyamali Das, Ms. Dilara Begam, Ms. Srabani Naskar, Ms. Priya sarkar, Ms. Anjali das, Ms. Bilkis Begam, Ms. Kakali Das, Ms. Tanuja Rahaman, Ms. Shjuli Sing, Ms. Archana Mondal, Ms. Suchana Samanta

NON - TEACHING STAFF

LIBRARIAN

Mr. Ahin mondal

HEAD CLERK

Mr. Dipankar Das

UDC

Mr. Bapi Das

LDC

Mr. Bibhas Saha, Ms. Tania Parvin Sultana

GDA

Mr. Pradip Kr. Chakraborty, Ms. Sanjoy Lal Banerjee, Mr. Ranjit Das

SWEEPER

Ms Putul Malik, Mr. Kundan Mallik, Ms. Suresh Mallick
(Detailed from NRS Medical College, works 3days/wk)

Acknowledgment

150th Foundation Day of NRS Medical College & Hospital

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- ♦ Dr. Tapan Kumar Maitra ♦ Dr. Kiran Mukhopadhyay
- ♦ Dr. Gautam Bhattacharya ♦ Dept. of Paediatric Surgery
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