

The background of the entire page is a photograph of the NRS Medical College & Hospital. The top half shows a multi-story blue building with many windows and air conditioning units. The bottom half shows the white stone entrance archway with the college's name inscribed on it. The text is overlaid on this image.

PUBLICATION

&

DISSERTATIONS

2024

ACHIEVEMENT BY THE FACULTY MEMBERS

NRS MC&H

Anatomy

FACULTY MEMBERS

PROFESSORS

Prof. (Dr) Sudeshna Majumdar - HOD
Prof. Dr. Abhijit Bhakta, Prof. Dr. Subhra Mondal, Prof. Dr. Deepraj Mitra

ASSOCIATE PROFESSOR

Dr. Sutandra Choudhury

ASSISTANT PROFESSORS

Dr. Sanchita Roy, Dr. Paramita Mukhopadhyay, Dr. Panchali Datta, Dr. Chiranjib Bapuli
Dr. Sarbani Das, Dr. Dilip Kumar Mondal

POST GRADUATE TRAINEES (3rd Year)

Dr. Preeti Mehta, Dr. Arpita Sen

POST GRADUATE TRAINEES (2nd Year)

Dr. Upasana Ghosh

POST GRADUATE TRAINEES (1st Year)

Dr. Sayantan Ghatak, Dr. Aditi Pradhan

NON - TEACHING STAFF

MT-LAB : Shri. Soumyajit Majumdar

LDC : Shri. Emon Bhattacharjee

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

1. **Prof. Dr. Abhijit Bhakta** : Mukhopadhyay P., Sarbani Das, Biswas Sharmistha, Mukherjee Parijat, Bhakta Abhijit Morphological and Morphometric study of Greater Palatine Foramen in dry skulls of Eastern India Population. National journal of Clinical Anatomy 2024, March 13(1); 25-30.
2. **Dr. Sutandra Chowdhury** : Choudhury S, Rakshit A, Paul T and Poddar R. A morphological and histological study of placentae in diabetic gravid mothers. Al Ameen J Med Sci 2024; 17(1):6-10.
Morphology and Morphometric Analysis of the Foramen Magnum In Dried adult Skulls In East Indian Region. Choudhury S., Paul T., Chakroborty P., Ghosh D, and Prof . Banerjee P. (Corresponding Author).- Research Journal of Medical Sciences. (MAK HILL Publication.).2023.17(7).1076-9.
3. **Dr. Panchali Datta** : 1. Datta P, Bhattacharjee S. First year Students and Organ donation : A multidisciplinary Study conducted in Eastern India analyzed by Ordinal regression. IJOT 2024.
2. Mukherjee S, Das U, Datta P. Oral Hygiene Status and Dental Caries Experience in transfusion Dependent Thalassemia Patients : An Analytical Cross sectional study. Indian Journal of Public Health-research and Development 2024, July 15(3);366-370.
3. Mondal DK, Datta P, Roy R. Estimation of height from percutaneous length of fibula in adult Bengalee population. Al Ameen J Med Sci 2023; 16(4): 301- 307.

4. **Dr. Dilip Kumar Mondal** : Mondal DK, Datta P, Roy R. Estimation of height from percutaneous length of fibula in adult Bengalee population. *Al Ameen J Med Sci* 2023; 16(4): 301- 307.
5. **Dr. Paramita Mukhopadhyay** : Mukhopadhyay P, Sarbani Das, Biswas Sharmistha, Mukherjee Parijat, Bhakta Abhijit Morphological and Morphometric study of Greater Palatine Foramen in dry skulls of Eastern India Population. *National journal of Clinical Anatomy* 2024, March 13(1); 25-30.
6. **Dr. Sarbani Das** : 1. Mukhopadhyay P, Sarbani Das, Biswas Sharmistha, Mukherjee Parijat, Bhakta Abhijit Morphological and Morphometric study of Greater Palatine Foramen in dry skulls of Eastern India Population. *National journal of Clinical Anatomy* 2024, March 13(1); 25-30.
2. Das, Sarbani & Bhattacharjee, Swapan. (2024). Usual and Unusual Variations of Marginal Mandibular Branch of Facial Nerve -Nerve That Helps Symmetrical Smile. *International Journal of Anatomy and Research*. 12. 8964-71. 10.16965/ijar.2024.130.

Achievements of Faculties & Students

Prof. (Dr.) Sudeshna Majumdar, Professor and Head of the Department of Anatomy, NRS Medical College, have attended the SOMACON (Conference of the Society of Medical Anatomists) in January, 2024, Bhubaneswar, Odisha and acted as a chairperson in one of the scientific sessions there.

1st Year PGTS

Dr. Sayantan Ghatak : Digital and palmar Dermatoglyphics in Polycystic Ovary Syndrome, A Case Control Study in NRS Medical College & Hospital Guide : Prof Dr Abhijit Bhakta (Prof. Department of Anatomy, NRS).

Co-guides : 1. Prof Dr. Runa Bal (Prof and HOD, Department of G&O, NRS), 2. Prof Dr. Runa Das (Prof and HOD, Department of Radiodiagnosis, NRS) 3. Prof Dr. Pallab Kumar Saha (Prof, department of Anatomy, Jalpaiguri Medical College).

Dr. Aditi Pradhan : Radiographic, Goniometric and Functional outcome measures in patients of congenital talipes Equinovarus Treated with Ponseti method in a Medical College at Kolkata : Prof. Dr. Sudeshna Majumdar, Dr. Ananda Mandal, Dr. Saumen Kumar De.

2nd Year PGTS

Dr. Upasana Ghosh : Morphological and Morphometric Study of the Maxillary Sinus and Frontal Sinus using Computed Tomography Scan in Gender Assessment and Detecting Anatomical Variations. : Prof. (Dr) Sharmistha Biswas, Dr. Malay Karmakar, Dr. Sanchita Roy

3rd Year PGTS

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.

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. Dr. Ankan Subhra 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.

Anesthesiology

FACULTY MEMBERS

PROFESSORS

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

ASSOCIATE PROFESSORS

Dr Saikat Majumdar, Dr Anindya Mukherjee, Dr. Enakshi Saha

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 Indranil Basak, Dr Keka Pandey

MEDICAL OFFICERS

Dr. Biswajit Roy, Dr. Mousumi Das, Dr. Mrintunjoy Mishra

SENIOR RESIDENTS

Dr. Arkadip Hore, Dr. Arunima Das, Dr. Ashiq Iqbal, Dr. Annesha Mahapatra, Dr. Satyaki Majumder

POST GRADUATE TRAINEES (3rd Years)

Dr. Madhumita Ghosh, Dr. Saurav Naga, Dr. Pallabi Ghosh, Dr. Priyogopal Samanata,
Dr. Kakva Amik Anja, Dr. Anupurba Basu, Dr. Abhinav Verma, Dr. Mahima Prasad Dey,
Dr. Bikramjit Mondal, Dr. Asutosh Soren, Dr. Nawang Choden, Dr. Niladri Das,
Dr. Madhurima Banerjee, Dr. Pallabi Bhattacharya, Dr. Suravi Ghosh

POST GRADUATE TRAINEES (2nd Years)

Dr. Sounit Chowdhury, Dr. Abhipsa Sarkar, Dr. Sajujya Sarkar, Dr. Kumar Sushant,
Dr. Sreyasi Mukherjee, Dr. Bikram Mandal, Dr. Meghana R, Dr. Arunanshu Pal,
Dr. Rakesh Kanti Lakra, Dr. Ratul Khawash, Dr. Bishal Subba, Dr. Chandrani Biswas,
Dr. Ranajit Bhattacharya, Dr. Sanjib Saha, Dr. Manoj Kumar Biswas, Dr. Pooja Kumari

POST GRADUATE TRAINEES (1st Years)

Dr. Saptadeepa Chakraborty, Dr. Ritu Biswas, Dr. Aakash Biswas, Dr. Somprava Patra, Dr. Vinnotha S,
Dr. Nazim Ahmad, Dr. Kshitij Prakash Singh, Dr. Tai Dai, Dr. T. Balaji, Dr. Riya Praveen,
Dr. Pulastya Acharyya, Dr. Sayantan Mridha, Dr. Parna Bhattacharjee,
Dr. Poulomi Mondal, Dr. Arnab Mandal, Dr. Sayantan Mandal, Dr. Asarul Ali,
Dr. Pranay Roy, Dr. Gaurab Ray, Dr. Saumayajit Mallick

SENIOR RESIDENTS

Dr. Ashik Iqbal, Dr. Arkadip Hore, Dr. Arunima Das, Dr. Annesha Mahapatra, Dr. Sarthaki Majumdar

NON - TEACHING STAFF

GDA : Shri. Debashis Das

Dissertations

Senior Residents

1. **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.
2. **Dr. Arunima Das** : A prospective comparative study between dural puncture epidural and lumbar epidural in knee and hip arthroplasty.
3. **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.

Third 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** : Comparison 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.

Second Year :

1. **Dr. Bishal Subba** : Assessment of Pattern of Response of Ambu Auragain for Volume Controlled Ventilation Under General Anaesthesia For Laparoscopic Cholecystectomy : A Descriptive Study
2. **Dr. Sajujya Sarkar** : Assessment of Pattern of Response of Post-operative analgesia Between Adductor Canal Block and Femoral Nerve Block Under Ultrasound Guidance in Knee Surgeries.
3. **Dr. Meghana R** : A comparative study of the effectiveness and safety of equipotent doses of hyperbaric levobupivacaine and hyperbaric ropivacaine administered intrathecally in infraumbilical surgeries.
4. **Dr. Ranajit Bhattacharya** : Effect of Two Dosages of Fentanyl on Cardiovascular Responses when Propofol is used as Inducing Agent in Laparoscopic Cholecystectomy.
5. **Dr. Ratul Khawash** : A Descriptive Study of Elevated Lactate Levels on Admission and Its Prognostic Value in Mortality of Critical Care Unit Patients.
6. **Dr. Manoj Kumar Biswas** : Assessment of Duration of Sensory Block Between Low Dose Clonidine Added to Intrathecal 0.75% Hyperbaric Ropivacaine and 0.75% Hyperbaric Ropivacaine Alone in Lower Limb Orthopaedic Surgery.
7. **Dr. Sounit Chowdhury** : Assessment of Perioperative Responses and Adverse Effects Between I-Gel and Cuffed Endotracheal Tube for Volume Controlled Ventilation During General Anaesthesia in Laparoscopic Cholecystectomy.
8. **Dr. Kumar Sushant** : A comparative study between combined adductor canal block with obturator nerve block and adductor canal block only as post-operative analgesia for lower limb surgeries.
9. **Dr. Bikram Mondal** : Comparison of Effectiveness between Ultrasound-Guided Erector Spinae Plane Block and Paravertebral Block for Postoperative Analgesia in Patients Undergoing Modified Radical Mastectomy.
10. **Dr. Rakesh Kanti Laskar** : A Comparative study between intravenous lignocaine and intravenous dexmedetomidine in suppressing the hemodynamic stress response to laryngoscopy and endotracheal intubation .
11. **Dr. Pooja Kumari** : An observational study to compare and assess the response pattern of dexmedetomidine and buprenorphine as an adjuvant to 0.75% hyperbaric spinal ropivacaine in patients undergoing infraumbilical surgery .
12. **Dr. Kshitij Prakash Singh** : Comparing the efficacy of two different doses of Dexmedetomidine in producing controlled hypotensive Anaesthesia during Functional Endoscopic Sinus Surgery .
13. **Dr. Chandrani Biswas** : Assessment of pattern of Response by using each of the Ambu Aura Gain and Cuffed Endotracheal Tube for volume controlled Ventilation during General Anaesthesia in elective Laparoscopic Cholecystectomy.

Frist year :

1. **Dr. Poulomi Mondal** : Comparative study to assess the Efficacy between Dexmedetomidine and Dexamethasone as adjuvants to 0.75% Ropivacaine in ultrasonography Guided Supraclavicular Brachial Plexus Block for Upper Limb Surgeries.
2. **Dr. Parna Bhattacharjee** : A Clinical Comparative Study Amongst Nalbuphine, Dexmedetomidine and normal saline as adjuvants to intrathecal hyperbaric Ropivacaine in Hysterectomy.
3. **Dr. Arnab Mandal** : Comparison of efficacy between Dexmedetomidine and Fentanyl used as adjuvants to Hyperbaric Levobupivacaine for total Hip Replacement Surgery under Spinal Anaesthesia.
4. **Dr. Somprava Patra** : Efficacy of Bilateral superficial Cervical Plexus block for Postoperative Analgesia in patients undergoing Thyroid Surgerey under General Anaesthesia.
5. **Dr. Sayantan Mridha** : A comparative study on block Characteristics and Haemodynamic Response to Different doses of intertheal Dexmedetomidine added as adjuvant to Hyperbaric Ropivacaine in Lower abdominal surgeries.
6. **Dr. Vinnotha. S** : Comparison of Dexmedetomidine ketamine versus Dexmedetomidine propofol in achiving hemodynamic stability and recovery from sedation under total intravenous Anaesthesia in short Gynecological procedures.
7. **Dr. T .Balaji** : Comparison of ketamine vs dexmedetomidine in achieving hemodynamic stability and recovery from sedation under total intravenous anaesthesia in short surgical procedure.
8. **Dr. Ritu Biswas** : Estimation of Nares to Vocal Cord Distance and its Correlation with Height, Sternal Length and Span .
9. **Dr. Riya Praven** : Comparison of onset of Surgical Anaesthesia and Duration of Post Operative analgesia in Dexmedetomidine and Bupivacaine versus Dexmedetomidine and levobupivacaine in Supraclavicular Brachial Plexus Block.
10. **Dr. Soumyajit Mallick** : Effect of Dexmedetomidine on Perioperative blood pressure and Heart rate in Controlled Hypertensive patients undergoing Major Abdominal Surgery : A Prospective Observatioun Study.
11. **Dr. Tai Dai** : Comparative study between Magnesium sulphate and Dexmedetomidine for Attenuation of cardiovascular stress response during Larygocopy and Endotracheal intubation in Non Cardiac Surgeries.
12. **Dr. Sayantan Mandal** : A Comparison of 0.5% Ropivacaine with and without 2 % Lignocaine- Adrenaline in Ultrasound guied Supraclavicular Brachial Plexus Block.
13. **Dr. Nazim Ahmad** : A Clinical Comparison of Analgesia Efficacy of Ultrasound Guied Transversus Abdominis Plane (TAP) block with 0.25 % Bupivacaine Versus 0.25 % Bupivacaine with 2 mcg / kg of Dexmedetomidine given in patients undergoing Abdominal Surgeries – A Prospective Observational study.
14. **Dr. Asarul Ali** : Comparison of Attempts to Successful Lumber Puncture for Spinal Anaesthesia in Obesepatients Using Ultrasound Guied Technique Versus Conventional Landmark Method.
15. **Dr. Pranay Roy** : A Prospective Comparative study for Arthroscopic shoulder surgery under interscalene block (ISB) with effect of Ropivacaine 0.75% and Ropivacaine 0.75% with Dexamethasone.

Publications

1. The Effect of Intraoperative Dexmedetomidine Infusion on Analgesia in Laparoscopic Cholecystectomy International Journal of Toxicological and Pharmacological Research 2022; 12(8); 174-182 Somnath Bhar', Saikat Majumdar, Tapobrata Mitra, Swapnadeep Sengupta', Jayanta Chakraborty⁵, Manabendra Sarkar 'SR, Anaesthesiology, NRS MC, Kolkata, Associate Professor, Anaesthesiology, NRS MC, Kolkata, *Associate Professor, Anaesthesiology, Murshidabad MC, *Assistant Professor, Anaesthesiology, Calcutta National MC, Kolkata, *Professor, Anaesthesiology, NRS MC, Kolkata.
2. Comparative Study of the Effects of Dexmedetomidine and Butorphanol as Epidural Adjuvants in Lower Limb Orthopaedic Surgery under Intrathecal Levobupivacaine Anaesthesia International Journal of Pharmaceutical and Clinical Research 2022: 14(9): 18-27 Ghosh B', Chakraborty S', Majumdar S', Mondal A, Sil D, Pathak D 'Senior Resident, Department of Anaesthesiology, SD Hospital, Tufanganj, Coochbehar,WBAssociate Professor, Department of Anaesthesiology, IPGME&R, Kolkata, WB Associate Professor, Department of Anaesthesiology, NRS Medical College, Kolkata, WB 43rd Year DM PDT, Department of Cardiac Anaesthesiology, IPGME&R, Kolkata, WB.
3. A Prospective Randomized Comparative Study between Combined Sciatic-Femoral Nerve Block and Spinal Anaesthetic Block for Unilateral below Knee Surgery of Lower Limb International Journal of Toxicological and Pharmacological Research 2022;12(9);281-288 Pal S1, Srivastava L2 Majumdar S3, Chakraborty S4, Sarkar M5, Rudra.
4. Attenuation of hemodynamic pressor response to laryngoscopy and endotracheal intubation by intravenous fentanyl in elective surgery under general anesthesia : A randomised controlled trial using three different doses ; Asian Journal of Medical Sciences ; March- 2023,Vol-14,Issue 3 ;eISSN :2091-0576 ;pISSN2467-9100 ; Rajdip Hazra,Yarilang Rozanna Syiem, Sanjay Maitra,Siais Chacraborty, Manabendra Sarkar et al.

Biochemistry

FACULTY MEMBERS

PROFESSORS

Prof. (Dr.) Debes Roy - HOD

ASSOCIATE PROFESSORS

Dr Trinanjan Sanyal, Dr Indranil Dawn

ASSISTANT PROFESSORS

Dr Sukla Nath, Dr Amrita Karmakar, Dr Sanghamitra Chakraborty,
Dr Nandita Hazra, Dr. Quazi Md. Tajuddin

DEMONSTRATORS

Dr. Saswati Bandyopadhyay (Detailed to Swasthya Bhawan), Dr Mausumi Das

POST GRADUATE TRAINEES (3rd Year)

Dr Mousumi Das, Dr Satarupa Basu

POST GRADUATE TRAINEES (2nd Year)

Dr Sampa Debnath

POST GRADUATE TRAINEES (1stYear)

Dr. Debanjali Mazumder, Dr. Arpita Samui (Nayek), Dr Moumita Mondal

NON - TEACHING STAFF

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

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

1. Completed :

- i. A study of cardiovascular risk factors in patients of type II diabetes mellitus with or without albuminuria
- ii. Study of Hormone levels, inflammatory markers and Tumour markers in patients suffering from Breast Carcinoma
- iii. Evaluation of selective mutations in alpha-thalassemia in cases of microcytic hypochromic anemia by Gap-PCR
- iv. Study of risk factors steatohepatitis /NASH in patients suffering from NAFLD with or without obesity

2. Ongoing :

- i. A comparative study on biochemical risk factors of metabolic syndrome with or without coronary artery disease(CAD)
- ii. A cross sectional, descriptive study on antinuclear antibody profile in patients with systemic lupus erythematosus and its clinical correlation
- iii. Transcription factor 7like 2 gene polymorphism and severity of metabolic dysfunction associated steatotic liver disease in type 2 diabetes mellitus patients
- iv. Study of relationship between non HDL c and TM6SF2 gene polymorphism and severity of liver fibrosis in metabolic dysfunction associated steatotic liver disease among type 2 diabetes mellitus patients

Publications (last 1 Year)

1. Khonglah D, Pal A, Mallik N, Ray D, Ghosal M, Acharya R. A prospective hospital-based study on C-reactive protein as a response predictor of antidepressant treatment in drug naïve patients with major depressive disorder. *Indian J Psychiatry*. 2023;65(4):472-476.
2. Deb Rajat, Goswami Soumik, Sengupta Nilanjan, Baidya Arjun, Khare Vibhu Ranjan, Datta Joydip, Jhaveri Kunal, Das Mousumi, Ray Debes. Prevalence of Clinically Significant Liver Fibrosis as Measured by Transient Elastography due to Non-alcoholic Fatty Liver Disease in Indian individuals with Type 2 Diabetes Mellitus. *Indian Journal of Endocrinology and Metabolism* June, 2024;X(X):1-6
3. Chakraborty S, Karmakar A, Dawn I, Samadder S, Mondal D. A descriptive comparison of response of oral hypoglycemic agents among t2dm in a backdrop of insulin resistance. *The Indonesian Journal of Public Health* 2023;18(2):314-324
4. Saha P, Datta P, Tajuddin Q MD, Chatterjee S. Different Tumour Marker Kinetics as Prognosticators in Patients with Adenocarcinoma of Gall Bladder Undergoing Chemotherapy: A Cohort Study. 2024 ; 13(3):B016-B021
5. Chakraborty S, Gupta S. Merits and demerits of technical shift of biochemistry classes of medical undergraduates from classroom to online teaching in COVID pandemic: A cross-sectional survey. *Natl J Physiol Pharm Pharmacol*. 2023; 13(2): 262-266.
6. De D, Chakrabarti P, Bandyopadhyay D, Chakraborty S*, Mandal P. Anthropometric and socio-demographic profile of diabetes mellitus patients attending tertiary care teaching hospital of Bankura, West Bengal. *Natl J Physiol Pharm Pharmacol*. 2023; 13(7): 1397-1400. [*Corresponding Author]
7. Chakraborty S, Chakrabarti P, Goswami AK, Mandal P. Understanding the Estranged Attitude of Medical Students while Attending Lectures at a Medical College in Eastern India: A Cross-sectional Study *J Clin of Diagn Res*. 2023; 17(11):KC01-KC04.

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

1. CME on “Handle the Helix” under the aegis of AMBI WB Chapter at NRS medical College on 3rd & 4th February 2023
2. CME on “RT-PCR and next Generation sequencing: current status in diagnosis” on 22nd September, 2023
3. “Bioboost 2023” on 23rd March 2023
4. CME on Cancer Demystified on 27th January, 2024
5. Bioboost 2023” on 23rd March 2023

Achievement by the Faculty Members

1. Prof. Debes Ray : Act as an invited faculty on behalf of Quality Council of INDIA (QCI) for training on ISO 15189:2022 medical laboratories : requirement for quality and competence Internal audit and accreditation NABL process at various AIIMS : New Delhi, Bhubaneswar , Deogarh Bhatinda , Jammu.
Lead assessor and Accreditation committee member of NABL, India
Acted as a resource person in GCLP training program organized by IHFW, Kolkata.
2. Dr Indranil Dawn : Delivered a talk in AMBICON WB (7th and 8th Oct 2023)
Topic : “Total Allowable Error and variation of performance in six sigma”
3. Dr Trinanjon Sanyal : Delivered a talk in AMBICON WB, 2024 and World Thyroid Day
Topic: “Interpretation of thyroid function test”
4. Dr Sanghamitra Chakraborty : Completed 1 year PGDIPLOMA in Medical Education from DMIHER, SHERDU, Sawangi Wardha on October 2023.

Completed the Migration program on ISO 15189:2022 on 22/7/2023 and 23/7/2023 from CQI and CAHO.

Completed Six Sigma Yellow Belt from QCI TCB cell on 20/1/2024.

Attended, Presented Oral Presentation and conducted Quiz in State Conference (AMBICON WB CHAPTER) on 14th & 15th September, 2024 under the aegis of AMBI WB Chapter.

Acted as a resource person in GCLP training program organized by IHFW, Kolkata.

Achievement by Students

1. Dr. Mousumi Das -1st in oral Presentation in AMBICON WB,2023
Topic: "A Study of PNPLA3 Gene SNP In Patients of Nonalcoholic Fatty Liver Disease"
2. Dr .Satarupa basu – 2nd in Oral Presentation in AMBICON WB,2023
Topic : "Identification of selective mutations in alpha thalassemia by GAP-PCR"
3. Dr. Moumita Mondal- 2nd in poster presentation in AMBI WB,2024
Topic- "An unusual case of hungry bone syndrome"
4. Dr. Debanjali Majumder- 3rd in poster presentation in AMBI WB,2024
Topic - "Prevalence of true hyperprolactinemia in patients attending endocrine OPD of NRSMCH. Kolkata"
5. Dr Sampa Debnath-gave oral presentation in AMBICON WB,2024
Topic - "A comparative study on biochemical risk factors of metabolic syndrome with or without coronary artery disease"
6. Dr Arpita Samui (Nayek)-gave poster presentation in AMBICON WB,2024
Topic- "Relationship between ANA profile and associated autoantibodies in SLE patients"

Cardiac Anesthesiology

FACULTY MEMBERS

PROFESSOR

Dr. Sampa Dutta Gupta - HOD

ASSOCIATE PROFESSOR

Dr. Haripada Das

ASSISTANT PROFESSOR

Dr. Aditi Das

SENIOR RESIDENTS (DM Students)

Dr. Avijit Karmakar, Dr. Rimjim Chakma, Dr. Saptaki Majumder, Dr. Siddhi Banerjee,
Dr. Prateek Purkayastha, Dr. Sohini Roy

HOUSE STAFF

Dr. Irfana Parveen, Dr. Parimal Mondal

INTERNS (Post BSc Non-stipendary Intern)

Arka Prava Pal, Gouranga Dolai, Biswambhar Halder, Sandip Maity

STUDENTS PASSED SUCCESSFULLY LAST YEAR

Dr. Shabahat Ali Siddique (DM Student); Ananya Pal (MSc Critical Care Sciences)
Subhajit Mondal (MSc Operation Theater Sciences); Khurshid Alam Laskar (MSc Critical Care Sciences)
Paulami Dutta (MSc Operation Theater Sciences); Sujit Adhikary (MSc Critical Care Sciences)

MSc (CRITICAL CARE/OT SCIENCES) PARAMEDICAL STUDENTS

Saumyadip Sarkar, Debthirtha Goswami, Debbina Koley, Kamalika Bhore

BSc (CRITICAL CARE/OT SCIENCES) PARAMEDICAL STUDENTS

Bhaskar Roy, Mashidur Rahaman, Shambhunath Ghoshal, Sourav Paswan, Souvik Pal
Binita Hembram, Debnil De, Debapriya Mallik, Madhuja Bhadra, Rimil Kisku
Arja Tudu, Saheb Pal, Debanjan Nag, Souvik Mukherjee

Dissertations

- i. Comparison of dynamic compliance and resistance in pressure Vs Volume controlled ventilation in patients with left to right Intracardiac shunt posted for corrective surgeries.
- ii. Comparison of sildenafil vs sildenafil and milrinone combination in patients with pulmonary artery hypertension undergoing mitral valve replacement surgery: A randomised parallel group study.
- iii. Effect of monitoring regional cerebral oxymetry (rSO₂) by near infrared spectroscopy during off pump coronary artery bypass grafting on postoperative neurocognitive dysfunction.
- iv. Effect of oral ascorbic acid in combination with beta blockers in comparison to beta blockers alone on atrial fibrillation in elective off pump coronary artery bypass grafting.
- v. Evaluation of effectiveness of analgesia between Fentanyl and Fentanyl + Dexmedetomidine in paediatric patients undergoing cardiac surgery for congenital disorder: a prospective descriptive comparative study

- vi. Comparison between Albumin and Crystalloid as priming solution in cardiopulmonary bypass for cyanotic heart disease patients posted for surgery-A prospective observational study.
- vii. Comparison between thoracic epidural and intravenous analgesia for postoperative pain relief in complex congenital cardiac surgical patient: a prospective observational study.
- viii. Incidence of transfusion reaction in pediatric cyanotic heart disease cardiac surgical patients and outcome. – An observational study.
- ix. 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.
- x. Bacteriological profile and antibiogram of indwelling catheter tips in post operative cardiac surgical patients in tertiary care hospital.
- xi. 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.”
- xii. Adherence and compliance to hand hygiene practice in ICU and operation theatre in N.R.S. Medical college tertiary care hospital.
- xiii. Correlation amongst white blood cell count on the day of admission, one day before surgery and third post operative day in cardiac surgical patients in a medical college and hospital Kolkata.

Publications (last 1 Year)

1. Rimjim Chakma, Sampa Dutta Gupta, Avijit Karmakar, Siddhi Banerjee, Saptaki Majumder. Comparison between albumin and crystalloid as priming solution In cardiopulmonary bypass paediatric cyanotic heart disease Patients admitted for surgery. International Journal of Scientific research. Volume - 13 | Issue - 03 | March - 2024 | PRINT ISSN No. 2277 - 8179 | DOI : 10.36106/ijsr.
2. Avijit Karmakar, Sampa Dutta Gupta, Rimjim Chakma, Saptaki Majumder, Siddhi Banerjee, Prateek Purkayastha, Sohini Ray. Comparison Between thoracic epidural and intravenous analgesia for postoperative pain relief in congenital cardiac surgical patients. Sent for publication to the International journal of scientific research .
3. Ananya Pal , Aritra Bhattacharya, Sampa Dutta Gupta, Sujit Adhikari . Bacteriological profile and antibiogram of indwelling catheter tips in post operative cardiac surgical patients admitted at a medical college in kolkata. International journal of scientific research. Volume - 13 | Issue - 05 | May - 2024 | PRINT ISSN No. 2277 - 8179 | DOI : 10.36106/ijsr
4. Dr. Deepanwita Das, Dr Haripada Das . Effect of different perioperative glycemic protocols in nondiabetic patients undergoing open heart surgery: a comparative study. International Journal of Scientific research Volume - 12 | Issue - 06 | June - 2023 | PRINT ISSN No. 2277 - 8179 | DOI : 10.36106/ijsr
5. Dr. Ashis Halder, Dr. Suranjan Halder , Dr. Haripada Das , Dr. Dhiraj Barman. A study on post-operative atrial fibrillation among patients Undergoing cardiac surgery at a tertiary level hospital in west Bengal . International Journal of Scientific research Volume - 12 | Issue - 12 | December - 2023 | PRINT ISSN No. 2277 - 8179 | DOI : 10.36106/ijsr
6. Lini srivastava. Soumyadip Pal. Saikat Majumdar. Soma Chakraborty. Kushal Kabir M. Sarker. J.S Rudra . Efficacy of pre-emptive peripheral nerve block using 0.25% bupivacaine for postoperative analgesia in patients undergoing maxillofacial surgeries under general anaesthesia . . Nepal Journals online . Asian Journal of Medical Sciences vol . 14 no.9. (2023)

Academic Activity

1. Regular classes, examinations for assessment and hands-on training for DM (Cardiac Anaesthesiology) and MD (Anaesthesiology) students.
2. Attend CME programmes organized by INDIAN SOCIETY OF ANAESTHESIOLOGISTS, and INDIAN SOCIETY OF CARDIOTHORACIC ANAESTHESIOLOGY, both in National and State level.
3. Attend various conferences at State, Zonal, National, and International level
4. They are posted in Cardiology Department of NRSMCH to have Hands on Training in Transthoracic Echocardiography for two months (One month in First year and one month in Third Year).
5. They are encouraged for publication of Research Articles, Case Reports, Review Articles in Different Journal of National and International repute.
5. Post Graduate Trainees in Anaesthesiology are regularly posted to this Department for OBSERVERSHIP in Cardiac Anaesthesiology.

Achievements of Faculties of the Department in last one year

Prof (Dr) Sampa Dutta Gupta - Professor and H.O.D.

1. Member of specialist Board of Cardiac Anaesthesia of NMC.
2. Scrutiny committee member of NMC. India.
3. Guide of two DM students and MSC CCS&OTS students of parent department.
4. Regular examiner for DM cardiac anaesthesiology under the WBUHS.
5. Regular examiner for NBE. of Anaesthesiology and Cardiac Anaesthesiology. Both for theory Paper setter, theory paper evaluator, and external examiner for practical examinations.
6. Working as peer reviewer of Annals of Cardiac Anaesthesiology of Indian society of cardiothoracic and vascular anaesthesiologist.
7. University inspection committee member as Pro VC nominee.
8. Working as expert committee member for cardiac transplant team of Govt. of WB.
9. Working as Secretary of committee member for technical courses of the WBUHS.
10. Regular examiner of FAT, DNB / DrNB FINAL PRACTICAL EXAMINATION.
11. NBE Cardiac Anaesthesia.
12. Working as expert committee member of Sishu Sathi scheme under govt of WB.
13. PI Admin JENPA UG. Paramedical courses for NRSMCH. .
14. Thesis Evaluator of DM students of different Universities
15. Completed BCME training on February 2024.
16. Assessment done for recognition and renewal of DM Cardiac Anaesthesiology for MARB.INDIA. Scrutiny committee member of NMC.India
17. Regularly attended teaching programme, as guest faculty in various conference & CMEs programme at state and National level.
18. Ex Vice President in Association of Cardiac and Thoracic Anesthesiologists of West Bengal
19. Ex- President in Association of Cardiac and Thoracic Anesthesiologists of West Bengal
20. EX Scientific secretary of Indian society of anaesthesiologist metro city branch.

Dr Haripada Das - Associate Professor

1. Gives Anaesthesia to Surgeries done in CTVS OT
2. Takes care of Postoperative patients in the recovery
3. Teaches DM Cardiac Anaesthesia Students in OT and in Seminars
4. Regular teacher of BSc & MSc Critical care and OT T Students.
5. Co-guide of thesis for DM students.
6. Completed BCME training on July 2024.
7. Participates in workshops and all academic activities of the Department in teaching DM and MD students, BSc critical care Technology as well as MSc OTS & CCS students.

Dr Aditi Das - Assistant Professor

1. Teaches DM Cardiac Anaesthesia Students in OT and in Seminars
2. Regular teacher of BSc & MSc Critical care and OT T Students.
3. Participates in workshops and all academic activities of the Department in teaching DM and MD students, BSc critical care Technology as well as MSc OTS & CCS students.
4. Completed GCP training in 2023.
5. Completed successfully on biomedical statistics.
6. Attended Perioperative Echocardiography workshop TEE and TTE by WBACTVA in 2023.

Students Achievements

1. Dr. Saptaki Majumder won best poster presentation award in IACTA WB chapter state annual conference. 2023
2. Dr. Avijit Karmaker won second best poster presentation award in IACTA WB chapter state annual conference. 2023
3. Dr. Avijit karmaker won best poster presentation award at annual conference of IACTA 2023 held at Nagpur.

Cardiology

FACULTY MEMBERS

PROFESSOR

Prof. Dr. Manoranjan Mandal - HOD

ASSOCIATE PROFESSOR

Prof. Dr. Swapan Kumar Halder

ASSISTANT PROFESSORS

Prof. Dr. Madhumita Kuila, Prof. Dr. Hema Malathi Rath

R. M. O.

Dr. Samir Kumar Roy, Dr. Subhasish Chakravarty

PEDIATRIC CARDIOLOGIST

Dr. Shyamajit Samaddar

SENIOR RESIDENT

Dr. Aadil Bashir Wasil, Dr. Malyaban Das, Dr. Bious Samanta, Dr. Pramit Kumar Maji

POST GRADUATE TRAINEES (3rd Year)

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

POST GRADUATE TRAINEES (2nd Year)

Dr. Vijai Kumar Rai, Dr. Sirsendu Sen, Dr. Sk. Rafijuddin Ahamed

POST GRADUATE TRAINEES (1stYear)

Dr. Swapnil Ghosh, Dr. Koushik Majumdar, Dr. Somnath Mitra

MEDICAL OFFICER

Dr. Nirmallya Sengupta, Dr. Debprasad Mandal, Dr. Dibendu Sundar Mandal, Dr. Debojoti Ghosh

NON - TEACHING STAFF

Clerk : Malay Sarkar

Dissertation Topics of the PDTs

1. Comparison of Risk Factors and Angiographic Parameters in Acute Coronary Syndrome between Patients of below Forty Years and above Sixty Years Age Group – Dr Prantik Bhattacharya
2. Echocardiographic evaluation among patients of chronic kidney disease with and without haemodialysis-a comparative study- Dr Arijit Saha
3. Echocardiographic and angiographic parameters in Acute Coronary Syndrome individuals suffering from Chronic Obstructive Pulmonary Diseases – Dr Sudhangshu Majumder
4. An observational study on clinical, echocardiographic and risk factor profiles of patients of atrial fibrillation in a medical college of kolkata – Dr Vijay Kumar Rai
5. A Study on Vitamin D Deficiency in Coronary Artery Disease patients and it's Correlation with Angiographic Severity – Dr Sirsendu Sen
6. Assessment of pattern of dyslipidemia and its correlation with severity of Coronary Artery Disease – Dr Sk Rafijuddin Ahamed

7. "A Cohort Study on incidence of Contrast Induced Nephropathy among Patients with diabetes mellitus and patients without diabetes mellitus undergoing Coronary Angiography and Percutaneous Coronary Intervention " - Dr Swapnil ghosh
8. Comparision of Atherogenic Index of Plasma in young and elderly Acute Coronary Syndrome Patients and its association with Angiographic Profile – Dr Koushik Majumdar
9. Evaluation of left atrial size and function by transthoracic echocardiography in systemic hypertension – Dr Somnath Mitra

Paper and Book Chapter Publication

1. Treatment of Dyslipidemia in Chronic Kidney Disease patients. Manoranjan Mandal, Arshdeep Singh Sandhu, Aditi Rastogi. Cardiology Update 2023.
2. A study on correlation of severity and outcome in acute coronary syndrome with triglyceride glucose index - Pradip Kumar Ghoshal, Bious Samanta, Tanmoy Kanti Goswami, Abhisek Naskar, Arunava Biswas, Asish Biswas; Journal of Cardiovascular Disease Research. VOL15, ISSUE 1, 2024.
3. Does CAD go hand-in-hand with bradyarrhythmias? - An observational study from Eastern India. Aadil Bashir Wasil, Madhumita Kuila, Manoranjan Mandal, Dibbendhu Khanra, Ranjan Kumar Sharma, Anindya Mukherjee – Accepted for publication in Russian Journal of Cardiology.

Additional Academic Activity

1. Dr Aadil Bashir Wasil (SR Cardiology) –
 - a) Was invited as Faculty in IJCTO 2024 Conference, Presented a case of Interventional Cardiology
 - b) Presented a case in UCD 2024 Conference, Attended as Faculty

Cardiothoracic & Vascular Surgery

FACULTY MEMBERS

PROFESSORS

Dr. Binay Krishna Sarkar - HOD

Dr. Pares Bandyopadhyay

ASSOCIATE PROFESSOR

Dr. Suranjan Halder

ASSISTANT PROFESSORS

Dr. Ashis Halder, Dr. Bhupandeep Mukhopadhyay

CONSULTANT SURGEONS

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

Dr. Siddhartha Mukhopadhyay

CONSULTANT INTENSIVIST :

Dr. Vipul Krishen Sharma, Dr. Satarupa Mukherjee (Paediatric Cardiac Intensivist)

R. M. O.

Dr. Anindita Biswas

MEDICAL OFFICER

Dr. Krishnendu Chakraborti, Dr. Mohon Maitra

SENIOR RESIDENT (Post M.Ch)

Dr. Debarshi Saha, Dr. Amitrajit Dasgupta

NON - TEACHING STAFF

PERFUSIONIST

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

CTVS OT SISTER IN CHARGE

Mrs. Jayita Bhattacharya & Other Nursing Staff 8

CTVS WARD SISTER IN CHARGE

Mrs. Sipra Sen, Mrs. Niskriti Banik & Other Nursing Staff 20

STUDENT INFORMATION

PARAMEDICAL STUDENT (DPFT)

1st Year : Sneha Pal, Triasa Saha

PHYSICIAN ASSISTANT (BSc) STUDENTS ADMISSION

Intern : Subhadeep Das, Tanushree Paul, Sonali Pal, Mariyana Paul, Biswajit Ghorami
Mst. Kamrun Nesa, Mondira Mondal, Suman Das

3rd Year : Morsalin Momim, Sayandip Patra, Bipul Adhikari, Prithis Karmakar, Sattayajit Patra
Avinandan Upadhyay, Debabrata Mondal, Partha Gope, Jyotikiran Layak, Beauty Hansda

2nd Year : Matangini Tudu, Sumit Das, Abid Hossain Mondal, Rabindranath Karan, Rabi Sankar Roy
Soham Mondal, Masud Hasan, Biswajit Mondal

1st Year : Sudipta Jana, Sakil Baidya, Joylakshmi Mondal, Mistu Basak, Sujoy Paramanik, Sanju Gazi
Sweet Saha, Ishita Lama, Ariyan Mondal, Asif Anowar, Dipayan Mondal, Biswanath Shit

POST BASIC CVT NURSING STUDENTS ADMISSION : 2024

Shubhadra Patra, Susmita Maity, Anjana Sahoo, Priya Pal, Koyel Khatun, Tanushree Tudu,
Proma Sarkar, Sunetra Biswas, Pritam Mondal, Sona Biswas, Abdul Qaium,
Sanu Bhowmick, Nisha kundu, Dipti Bhunia, Piyali Das

M.Sc NURSING (MED/SURG- CARDIOTHORACIC) 2023-25

Poulami Roy, Ranu Char, Srabani Chatterjee, Anindita Pal, Maitreyee Sen,
Trishita Das, Nasreen Naaz Firdous

Study Ongoing

1. Clinical Trial to see the Safety and Efficacy of Biopolymer Valve at Mitral Position in Patients who Require Mitral Valve Replacement.
2. Magnitude, Pattern and Association of Chromosomal Abnormalities in Children with Congenital Heart Disease.
3. Clinical Trial of WOXheal DPOCL in the Treatment of Chronic Venous Leg Ulcer- A Randomised Controlled Trial.
4. Ethnographic Study Health Survey- Completed.

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 2023 – 2025 session.

Paper Setters and Examiners, Conduction for Cardiothoracic Surgery

For WBUHS, SMF and NBE- Dr P Bandyopadhyay and Dr B K Sarkar

Students Passed

Bsc PA Course : Biswajit Ghorami, Mondira Mondal , Suman Das Subhadeep Das, Tanushree Paul,
Sonali Pal, Mariyana Paul, Mst. Kamrun Nesa

Achievement in the Department

1. Paediatric Cardiac Surgery for Complex Congenital done Regularly in the Department During 2023-2024. (Arterial Switch Transposition of Great Vessels and Nikaido for TGA, ICR for TOF, VSD, PS, ASD, PDA Surgeries).
2. Endovascular Repair of Aortic aneurysm.

3. Cardiac Transplantation Registration Done.
4. Combined Antegrade and Retrograde Cardiac Perfusion Being Done for Complex and Advanced CAD.
5. Total Chordal Preservation/Neo-Chordal Suspension.
6. LA Isolation MAZE Procedures Achieved with High Success Rates.

Academic Activities

1. Theory and Practical teaching sessions for the BSc, PA, MSc, BSc, CVT nursing students are regularly conducted by Faculty members including Senior and Junior Residents. Teaching sessions for MBBS students and MSPGTs are taken by faculty members.
2. Scientific Seminar Conducted on Postop Anticoagulation and Severe Heart Failure and Bridge to Transplant.
3. Attending Academic Webinars.
4. Faculty members attended and actively participated in IACTSCON,2024 at Bhubaneswar, Odisha (from 8th to 11th Feb-24)

Achievements by the Faculty Members

1. Dr Bhubandeep Mukhopadhyay- Participated in Statistical Report Collection and Teachers' Training Programme. Assisted in administrative activities of planning and preparation of Cardiac transplant programme at N.R.S.M.C.H., Kolkata, West Bengal. Attended ECMO awareness and training programme in Kalyani, Nadia, West Bengal.
2. Dr Ashis Halder has actively participated in the teaching programmes, Renal transplant and cardiac transplant programmes and published papers.
3. Dr. Suranjan Halder -Actively participated in Renal Transplantation Programme in NRS Medical College and departmental teaching and examination programmes and delivered speech in departmental seminars.
4. Dr. Pares Bandyopadhyay participated as Chairperson- Scientific conference "Aortic Conclave" at ITC Royal. Kolkata(24th and 25th May), MICS national conference of SMICTSI at Biswa Bangla Convention centre on 20-22nd of September,2024 ; actively participated in the departmental teaching and training programmes. -Examine the DrNB candidates in the Final examinations held in Hyderabad, Bangalore, Delhi.
5. Dr Binay K Sarkar participated in "CARDIOPREVENT, 2023" and "Update in Cardiology,2024" Kolkata. - participated as Paper-setter/Question writer for MRCS examinations, NBEMS examinations, FAT examination evaluation (August,2024) and WBUHS examinations. -Delivered speech on congenital heart diseases at the World Science Congress at Jadavpur University Auditorium on 1/3/2024 and at Physician Assistant Programme at HHI, Kolkata, 2024. -Examine the DrNB candidates in the Final examinations held in Hyderabad(24th and 25th feb,2024),Bangalore (NH,Bommesandra on 13th september and at Medunta Hospital on 27th September).- Examine MRCS candidates at the Part-B examinations at Hyderabad, New Delhi, Trivandrum and Mumbai. -Attended editorial meeting of the IJTCVS , at National Conference at Bhubaneswar, Odisha, India. -as Chairperson in Scientific conference "Aortic Conclave" at ITC Royal. Kolkata(24th and 25th May), Update in Cardiovascular diseases, Kolkata(3rd and 4 th August), MICS national conference of SMICTSI at Biswa Bangla Convention centre on 20-22nd of September,2024- Reviewed 15 scientific papers as a Section Editor of the Indian Journal Of Thoracic and Cardiovascular Surgery. -attended Brompton Grand Rounds in Thoracic Surgery (Virtual) held on Fridays. -an Assessor for MARB(NMC). - Question-writer for Intercollegiate MRCSE, ICBSE, UK, for National Board of Examinations and for the West Bengal University of Health Sciences. - attended National and International Critical care Workshop and CME at NH at Bangalore and awarded fellowship of

the Critical Care and Echo in 2024. - Completed course in GCP in 2024

Paper Publication 2024

1. Hiremath CS, Jain AR, Garg A, Gupta NK, Sarkar BK et al. Three-year outcomes of surgical valve replacement with Dafodil™ pericardial bioprosthesis: Dafodil™-1 trial. Front Cardiovasc Med. 2024;11:1-14 Sec. Heart Surgery doi.org/10.3389/fcvm.2024.1393762.
2. A prospective study of Neurological Complications Following Cardiac Surgery International Journal of Scientific Research – Journal of Dental and Medical Sciences.
3. Halder A, Halder S, Das H, Barman D. A study on postoperative atrial fibrillation among patients undergoing cardiac surgery at a tertiary level hospital in west bengal .IJSR, December 2023,Vol 12,Issue 12 Page No-31-33.
4. Saha D, Halder A, Dr. Halder S, Sarkar BK*. 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. IJSR; 2023:Vol 12(10) DOI : 10.36106/ijsr

Community Medicine

FACULTY MEMBERS

PROFESSORS

Prof. (Dr) Dibakar Haldar - HOD

Prof. (Dr) Indira Dey Pal - MSVP

Prof. (Dr) Jhuma Sarkar

ASSOCIATE PROFESSORS

Dr Abhijit Mukherjee, Dr Saikat Bhattacharya, Dr Fasihul Akbar

ASSISTANT PROFESSORS

Dr Swapnodeep Sarkar, Dr Nabanita Chakraborty, Dr Parnava Das, Dr. Niladri Banerjee

MO, ROME

Dr Sunil Baran Mandal

SENIOR RESIDENT

Dr. Tuhin Mukhopadhyay, Mr. Debashis Goswami (Statistics)

POST GRADUATE TRAINEES (3rd Year)

Dr Raj Kumar Bhattacharya, Dr Neera Rawat, Dr Smita Dolui

POST GRADUATE TRAINEES (2nd Year)

Dr Nandu Krishna J, Dr Mainak Mondal, Dr Kaustab Ghosh

POST GRADUATE TRAINEES (1stYear)

Dr Soumik Ghosh, Dr Sujith Surendran, Dr Sayantika Barman, Dr Akash Dasgupta

Dr Gurusanganabasava Hawaldar, Dr Shuvajit Roy

NON - TEACHING STAFF

PUBLIC HEALTH NURSES

Mrs Bani Ghatak, Mrs Ruby Basu, Mrs Namita Mukherjee, Mrs Rinku Dalapati,

Mrs Sharmishta Jotdar, Mrs Krishna Duari

OFFICE STAFFS

Group D

Mahapatra, Mr Indrajit Sarkar, Mr Kamal Kumar Jana

Sweeper

Mr Suresh Mallick

Publications

1. Prof. (Dr.) Dibakar Haldar (Professor and HOD) :

1. Maji B, Mandal R, Haldar D, Saha SK, Biswas B. Quality of antenatal care received and compliance towards it among the pregnant women attending Bankura Sammilani Medical College and Hospital, Bankura. IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)2018;17(1/15):71-77 [p-2279-0861]. - Index Copernicus.

2. Mitra S, Sarkar AP, Saren AB, Haldar D, Saha I, Sarkar GN. Road Traffic Injuries: A Study on Severity and Outcome among In- patients of A Tertiary Care Level Hospital of West Bengal, India. *J Emergency, Trauma and Shock* 2018; 11:247-5211. Mitra S, Saha I, Haldar D, Sarkar AP, Sarkar GN. Pattern of Epidemiological Correlates among Road Traffic Accident in- patients of a Tertiary Care Hospital of West Bengal, India. *Int J Community Med Public Health*, 2018 May; 5(5): 1933-7. - Pubmed
3. Dutta SR, Mandal D, Mandal A, Haldar D, Ray N, Roy D. Fetomaternal outcome among elderly pregnant women attending to a peripheral teaching institution of West Bengal, India: a prospective observational study. *Journal of Evolution Med. Dent. Sci.* 2018; 7(31): 2084-2088. - Index Copernicus
4. Dwari AK, Jha S, Haldar D, Biswas B, Saha SK, Roy PP, Mandal A, Maji B. CBNAAT co-testing of sputum and BAL fluid with sputum microscopy seems promising in diagnosis and control of obstinate Tuberculosis. *Journal of Clinical and Diagnostic Research*, 2018 Jun, Vol-12(6): LC22-LC24. - Index Copernicus
5. Mandal R, Jha S, Mandal T, Haldar D, Singh S, Sinha A. Surgical audit of peptic perforation among Scheduled Tribe patients attending Bankura Sammilani Medical College and Hospital, India. *IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)* 2018;17(6): 14-21. - Embase, PMC
6. Saha SK, Pradhan P, Haldar D, Maji B, Agarwal W, Sarkar GN. Magnitude of Mental Morbidity and Its Correlates with Special Reference to Household Food Insecurity among Adult Slum Dwellers of Bankura, India: A Cross Sectional Survey. *Indian J Psychol Med* 2019; 41:54-60. - Index Copernicus
7. Dutta S, Haldar D, Aggarwal N, Panja T, Ghosh T, Sinha R. Pediatric Otolaryngological Emergency: An Experience from a Tertiary Care Teaching Institution at Kolkata, India. *Indian J Otolaryngol Head Neck Surg* (Oct-Dec 2018) 70(4):490-494. - PMC, SCOPUS
8. Basu R, Pal DC, Haldar D, Sarkar J. Morphometric variation between right and left human Tibia: A cross-sectional study in Bankura district of West Bengal. *IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)* 2018;17(5):26-30. - PMC, SCOPUS
9. Haldar D, Saha SK, Ghosh T, Biswas D, Lo S, Sarkar GN. Effect of directly observed therapy (DOT) on Mass Drug Administration (MDA) coverage and status of Mass Drug Administration programme in Bankura district of West Bengal, India. *IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)* 2019;18(4): 57-65. - Index Copernicus
10. Mandal A, Haidar D, Ray N, Murmu SS, Mandal D. Outcome of term breech presentation in a peripheral tertiary care centre of west Bengal, India, *Journal of Evolution Med. Dent. Sci.* 2018; 7(31): 3476-3480. - Index Copernicus
11. Kumari R, Ghosh T, Haldar D, Saha SB, De JB. Different Methods for Isolation of Bacteria in Burn Wound Infections with Its Antimicrobial Sensitivity Pattern: A Comparative Study in a Tertiary Care Hospital. *International Journal of Scientific Research* 2019. - Index Copernicus
12. Ghosh SK, Ray N, Biswas J, Haldar D, Majumder K, Biswas B. Pregnancy During Lactational Amenorrhoea Among Women Attending Bankura Sammilani Medical College, Bankura, West Bengal. *International Journal of Scientific Research* 2019; 8(6): 1-3. DOI: 10.15373/22778179. - Index Copernicus

13. Bandyopadhyay R, Haldar D. Macular Thickness and Volume among Children with Strabismic Amblyopia Attending Ophthalmology Out-Patient-Department of Bankura Sammilani Medical College and Hospital, West Bengal. *International Journal of Scientific Research* 2019. - Index Copernicus
14. Haldar D, Dwari AK. Arterial Blood Gas (ABG) Analysis among Chronic Respiratory Patients Admitted in a Tertiary Care Teaching Institution at Kolkata, India. *International Journal of Scientific Research* 2019. - Index Copernicus
15. Biswas B, Saha R, Haldar D, Saha I. Level of stress perception and predictors of higher stress perception among informal primary caregivers of Eastern Indian people living with HIV/AIDS. *Int J Community Med Public Health*. 2019 Oct; 6(10): 4374-80 (pISSN 2394-6032). - Index Copernicus
16. Biswas D, Saha SK, Sarkar AP, Mondal T, Haldar D, Sarkar GN. Participation in household decision-making among married women in rural and urban areas of Bankura, West Bengal: A comparative study. *Int J Health Allied Sci* 2020; 9:170-4. - Index Copernicus
17. Samanta S, Sarkar AP, Haldar D, Saren AB, Sarkar GN, Saha I. Client Satisfaction and its correlates of Directly Observed treatment Short course Chemotherapy in a Tuberculosis unit of Bankura, West Bengal. *Medical Journal of DY Patil Vidyapeeth* 2019; (ISSN-2589-8302). - Index Copernicus
18. Saha Roy S, Haldar D. Serum Creatine Kinase and other profile of Duchenne muscular dystrophy and Becker muscular dystrophy: A cross-sectional survey in a tertiary care institution at Kolkata. *CHRISMED Journal of Health and Research* 2021; [Ahead of print]. - DoAJ, Scopus
19. Lo S, Mondal T, Haldar D, Saha SK. Quality of routine childhood immunization and mothers' satisfaction towards it in Gangajalghati block of Bankura district of West Bengal, India. *Med J DY Patil Vidyapeeth* 2021; 0; 0:0. - DoAJ
20. Das R, Mondal T, Mondal B K, Haldar D. Bacterial Profile and Sensitivity Pattern in Different Pyogenic Infections Treated in a Tertiary Care Hospital at Kolkata. *JIMA* 2020 Nov; 116(11):53-8. - DoAJ, Scopus
21. Samanta S, Haldar D, Biswas D, Lo S, Saha I. Cost of Outpatient Department Services at a Community Health Center of Bankura, West Bengal *Indian J Community Med* 2021;46:15-9. - SCOPUS
22. Biswas D, Lo S, Sarkar AP, Mondal T, Haldar D, Saha I. Coping style of Parents of Thalassemia children *Indian Journal of Social Psychiatry* 2021; Accepted. - PMC, SCOPUS
23. Haldar D, Maji B, Ray SK, Mondal T, Manda PKI, Haldar P. Correlates of Covid-19 mortality: A descriptive study. *Med J DY Patil Vidyapeeth*. 2021; Accepted. - DoAJ
24. Haldar D, Maji B, Ray SK, Mondal T, Adhikary A, Pradhan P. Correlates of Covid-19 morbidity: A descriptive study. *CHRISMED Journal of Health and Research* 2021, [Ahead of print]. - Doaj, Scopus
25. Sain S, Chattopadhyay A, Haldar D. Awareness, acceptance, and hesitancy about COVID-19 vaccine among residents of urban and rural health training center field practice area of a medical college at Kolkata: A cross-sectional survey. *Asian Journal of Medical Sciences*, 2023 Sept 14(9). - DoAJ, Scopus
26. Maji B, Roy R, Haldar D, Samanta S. Impact of COVID-19 pandemic and national lockdown on hospital attendance of various infectious disease patients at an apex infectious disease hospital of Eastern India. *Int Arch Health Sci* 2022;9:145-51. - DoAJ

2. Prof. (Dr.) Indira Dey (MSVP) :

1. Sain S, Dey I. An Observational Study to Assess Anxiety Disorder among Women during COVID-19 Pandemic. *Journal of Clinical & Diagnostic Research*. 2021 Mar 1;15(3).
2. Sain S, De M, Dey I. Assessment of risk of depression among the antenatal mothers attending a tertiary care hospital of Kolkata, India. 2021 Apr 1;14 (2):151-58.
3. Golui P, Roy S, Dey I, Burman J, Sembiah S. Resilience and its correlates among medical students in the Eastern part of India during the coronavirus disease 2019 (COVID-19) pandemic. *Journal of Family and Community Medicine*. 2022 Sep 1;29(3):212-6.

Sain S, Dey I, Ghosh S. Assessment of stress, anxiety, and depression among the nursing personnel employed in tertiary care hospital during COVID-19 pandemic. *Asian Journal of Medical Sciences*. 2023 Apr 1;14(4):17-23.

3. Prof.(Dr.) Jhuma Sarkar (Professor) :

1. Sarkar J, Bhattacharya A, Yasmin S, Baur B. Prevalence of Risk factors of Non-Communicable diseases among Undergraduate Medical Students: Study from a district of West Bengal, India. *IOSR Journals of Dental and Medical Sciences* June, 2018;17(6) Ver.14:16-21. - Copernicus
2. Chakraborty N, De M, Sarkar J. Motivational factors and Post vaccination symptoms among Covid-19 Vaccinated beneficiaries at a Tertiary care hospital, WB,India: A cross sectional study Nabanita Chakraborty, Moumita De, Jhuma Sarkar *Journal of Clinical & Diagnostic Research* 2022, Oct, Vol 16 (10); LC18-LC24. - DoAJ

4. Dr. Abhijit Mukherjee (Associate Professor) :

1. Bandyopadhyay A, Mukherjee A, Dhar G, Rout AJ. Burden and Risk Factors of Occupational Noise-Induced Hearing Loss Among Employees Working at an International Airport in Eastern India. *Indian Journal of Occupational and Environmental Medicine*. 2024 Jul 1;28(3):223-7. - Pubmed, Scopus
2. Biswas DK, Deb LM, Dasgupta P, Maity S, Mukherjee A, Manna S. Assessment of Knowledge on Palliative Care among the Community Health Officers in Rural Area of Purba Medinipur District, West Bengal, India. *Indian Journal of Palliative Care*. 2024 Jan;30(1):65. - Pubmed, Scopus
3. Bhandari K, Saha TK, Mukherjee A, Bhattacharjee S. Physical Activity and Body Mass Index among Higher Secondary Students of Government Schools in Siliguri Sub-division of Darjeeling District, West Bengal. *Bengal Physician Journal*, {accepted}. - DOAJ
4. 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 1;69(10):11-2. - PUBMED
5. Bandyopadhyay A, Mukherjee A. Pseudo-longitudinal research design: a valuable epidemiological tool in resource-poor settings. *Rural and Remote Health* 2021; 21: 6977. - PUBMED
6. 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. - DOAJ
7. 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. - PUBMED

8. 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. - PUBMED
9. 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). - Embase, DOAJ
10. 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. - DOAJ
11. 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. - DOAJ
12. Samanta S, Bandyopadhyay A, Bhattacharjee S, Mukherjee A. Dermatological quality of life among leprosy patients residing at a rehabilitation center in North Eastern India: A cross sectional study. *Clin Dermatol Rev* 2023; 7: 148-52. - DOAJ
13. Banerjee B, Sarkar S, Mortuja SM, Mukherjee A. Comparison of Lipid Profile of Sedentary Workers with the Athletes Undertaking Aerobic Exercises Regularly. *Indian Journal of PublicHealth Research & Development* 2023;14(4):204-209. - DOAJ
14. Bandyopadhyay A, Samanta S, Mukherjee A. Comparison of the Identification of Emotional Facial Expressions from Full Faces with only the Eyes and the Mouth Regions in Young Indian Adults: an Exploratory Study. *International Journal of Psychological Research*. 2023 Aug 23;16(2):24-30. - PUBMED
15. Roychowdhury P, Mukherjee A, Kar T, Bhattacharjee S. How common is elder abuse? A cross sectional study in urban slums of Siliguri, India, *MRIMS J Health Sci* 2023;11:272-7. - DOAJ
16. Samanta S, Bandyopadhyay A, Mukherjee A, Bhattacharjee S. Appropriateness of Hospital Admission and Length of Stay in the Pediatric Department of a Tertiary Care Hospital in West Bengal. *Indian Journal of Community Medicine*. 2023 Nov 1;48(6):841-5. - PUBMED
17. Bandyopadhyay A, Samanta S, Mukherjee A. Comparison of the Identification of Emotional Facial Expressions from Full Faces with only the Eyes and the Mouth Regions in Young Indian Adults: an Exploratory Study. *International Journal of Psychological Research*. 2023 Aug 23;16(2):24-30. - PUBMED
18. Samanta S, Bandyopadhyay A, Bhattacharjee S, Mukherjee A. Dermatological Quality of Life among Leprosy Patients Residing at a Rehabilitation Center in North-Eastern India: A Cross-Sectional Study. *Clinical Dermatology Review*. 2023 Apr 1;7(2):148-52. - DOAJ
19. Bandyopadhyay A, Mukherjee A, Rout AJ, et al. O-23 Prevalence and factors associated with occupational noise induced hearing loss among employees of an international airport of West Bengal, India. *Occupational and Environmental Medicine* 2023; 80:A23. - PUBMED
20. Bandyopadhyay A, Mukherjee A. Pseudo-longitudinal research design: a valuable epidemiological tool in resource- poor settings. *Rural and remote health*. 2021 Oct 2;21(4):6977. - DOAJ

21. 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. - PUBMED
22. Bandyopadhyay A, Sarkar S, Mukherjee A, Bhattacharjee S, Basu S. Identifying emotional Facial expressions in Practice: a Study on Medical Students. *Indian Journal of Psychological Medicine*. 2021 Jan;43(1):51-7. - PUBMED
23. Chakraborty S, Bhattacharjee S, Mukherjee A, Dasgupta S. Prevalence of musculoskeletal disorders and their association with ergonomic physical risk factors among women working in tea gardens of Darjeeling district of West Bengal, India. *International Journal of Occupational Safety and Health*. 2021 Apr 3;11(1):31-9. - DOAJ
24. Chakraborty S, Mukherjee A, Bhattacharjee S, Majumdar R, Chatterjee M, Dasgupta S. Risk factors for pneumonia mortality in under-five children in a tertiary care hospital of Darjeeling district of West Bengal: A prospective case-control study. *Indian Journal of Public Health*. 2020 Oct 1;64(4):368. - PUBMED
25. Das S, Mukherjee A, Mallick S, Bhattacharjee S, Chakraborty S, Dasgupta S. Prevalence of soil-transmitted helminth infestations among children attending integrated child development service centers in a tea garden area in Darjeeling. *Tropical Parasitology*. 2019 Jan;9(1):23. - PUBMED

5. Dr. Saikat Bhattacharya (Associate Professor) :

1. 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. - SCOPUS
2. 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. - DOAJ
3. Lahiri A, Jha SS, Bhattacharya S, Ray S, Chakraborty A. Effectiveness of preventive measures against COVID-19: A systematic review of In Silico modeling studies in indian context. *Indian J Public Health*. 2020 Jun 1;64(6):156. - PUBMED
4. Gupta s, bhattacharya s, banerjee r, chakraborty a, das d, de a. the differential impact of covid-19 pandemic on sexual behavior of eligible couples in urban and rural india, *journal of psychosexual health*. 2023 jan;5(1):48-53. - SCOPUS
5. De m, bhattacharya s, mondal s. a qualitative study on the effectiveness of displayed health education materials (hems) in an immunization clinic of a tertiary care hospital in west bengal, india, *epidemiology and society health review (eshr)*. 2023 feb 2;5(1):1-0. - DOAJ
6. Mondal s, das tk, bhattacharya s, banerjee s, hazra d. blood gas analysis among covid-19 patients: a single centre retrospective observational study. *journal of clinical & diagnostic research*. 2021 aug 1;15(8). - DOAJ
7. roy a, paloh o, bhattacharya s, mondal s. covid-19 vaccine hesitancy among the non medical adult population attending a tertiary care hospital of kolkata, india: a cross-sectional study. *journal of clinical & diagnostic research*. 2022 nov 1;16(11). - DOAJ

6. Dr. Fasihul Akbar (Associate Professor) :

Clinico-epidemiological Profile and Association of Autoimmune Disorders among Alopecia Aerata Patients: A Hospital Based Study. International Journal of Pharmaceutical and Clinical Research (IJPCR) Volume 15, Issue 09, September 2023 as 2nd Author e-ISSN : 0975 1556p-ISSN: 2820 2643.

7. Dr. Swapnodeep Sarkar (Assistant Professor) :

1. Debnath M, Golui P, Roychoudhury N, Sarkar S. A cross-sectional study on mothers' knowledge, attitude and practice regarding the vaccines given at the routine immunisation clinic of a tertiary care hospital in West Bengal. J Undergraduate Med Res. 2022; 4:31-40. - DOAJ
2. Banerjee B, Sarkar S, Mortuja S G, Mukherjee A. Comparison of Lipid Profile of Sedentary Workers with the Athletes Undertaking Aerobic Exercises Regularly. Indian Journal of Public Health Research and Development 2023; 14(4): 72-77. - EMBASE
3. Moumita Saha Paul, Sovan Mitra, Uttam Kumar Saha, Swapnodeep Sarkar. Comparative study among the patients with different coronary risk factors for detection of asymptomatic coronary artery disease by treadmill test confirmed by coronary angiography. Asian J Med Sci. 2023 Dec. 1;14(12):56-60. - DOAJ
4. Mortuja S G, Sarkar S, Gazi E, Bhattacharya S. Quality of life among type-2 diabetes mellitus patients: A cross-sectional study from Eastern Indian Medical Institute. Indian Journal of Public Health Research & Development; 2023(Accepted). - EMBASE

8. Dr. Nabanita Chakraborty (Assistant Professor) :

1. 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. - DOAJ
2. Chakraborty N, Joardar G.K. Determinants of delayed vaccination among children under 2 years attending an immunization clinic of a tertiary care hospital, Kolkata. International Journal of Research in Medical Sciences. 2020;8(12):4324-28. - Index Medicus for South-East Asia Region
3. Chakraborty N, Joardar G.K. A study on infant and young child feeding practices among mothers attending the immunization clinic of a tertiary care hospital, Kolkata, West Bengal. International Journal of Community Medicine and Public Health. 2020;7 (12):4827-32.
4. Chakraborty N, Joardar G.K. A Study on Satisfaction of Pregnant Mothers with Antenatal Care Services and Associated Socio- Demographic Determinants in a Tertiary Care Hospital, Kolkata, West Bengal. National Journal of Community Medicine. 2020 ;11(1):41-3. - Index Medicus for South-East Asia Region
5. Chakraborty N, Joardar G. K. Assessment of vaccine wastage in an immunization clinic of a tertiary care hospital, Kolkata, West Bengal. International Journal of Community Medicine and Public Health. 2019 Nov;6(11):4959-63. - Index Medicus for South-East Asia Region

9. Dr. Parnava Das (Assistant Professor) :

1. Solank PD, Das P. Prevalence of social anxiety disorder and its determinants among undergraduate medical students of East Delhi. International Journal of Community Medicine and Public Health. 2019 Mar; 6(3): 1335-1339. - PubMed & PubMed Central

2. Karmakar J, Misra AK, Das P, Mukherjee J, Chaudhuri J, Yadav PK, Chakraborty M, Haldar D, Mandal M. A cross-sectional survey on sleep disturbances with special reference to sleep quality among COVID-19-recovered patients attending outpatient department of a medical college hospital in Eastern India. Asian Journal of Medical Sciences. 2023 Nov 1;14(11). - DOAJ

10. Dr. Niladri Banerjee (Assistant Professor) :

1. Sarkar A, Rahaman SM, Das DK, **Banerjee N**. Mental health disorders among children and associated parental stress: A cross-sectional study in pediatric OPD of Burdwan Medical College, West Bengal. Indian J Community Med 2024;49:417-23. - PubMed
2. Mukherjee AG, Roy S, Das DK, **Banerjee N**. Menstrual hygiene behaviour among the tribal married women aged 15 to 49 years: A cross-sectional study in a community development block of Paschim Bardhaman District, West Bengal. Journal of Family Medicine and Primary Care. 2024 May 1;13(5):1843-9. - PubMed
3. Ghoshal Mukherjee A, Das DK, De S, Banerjee N. Isoniazid preventive therapy among child contacts of TB patients, India. The International Journal of Tuberculosis and Lung Disease. 2022 Jul 1;26(7):650-7. - DOAJ, Indian Science Abstracts, MedInd, PubMed Central, SCOPUS
4. Mukherjee A, Banerjee N, Naskar S, Roy S, Das DK, Mandal S. Contraceptive behavior and unmet need among the tribal married women aged 15-49 years: A cross-sectional study in a community development block of paschimBardhaman District, West Bengal. Indian journal of public health. 2021 Apr 1;65(2):159. - Medline, PubMed, EMBASE
5. Mukherjee AG, Banerjee N, Das DK. Status of comprehensive abortion care service in paschimBardhaman district, West Bengal-A mixed-method study. Indian Journal of Community Medicine: Official Publication of Indian Association of Preventive & Social Medicine. 2021 Oct;46(4):645. - Index Medicus/MEDLINE, SCOPUS, PUBMED
6. Mukherjee A, Naskar S, Banerjee N, Mandal S, Das DK. Status of salt iodization, related awareness and practice at the household level in slums of Burdwan Municipality, West Bengal. Journal of Family Medicine and Primary Care. 2021 Jan;10(1):361. - DOAJ, Indian Science Abstracts, MedInd, PubMed Central, SCOPUS
7. Gupta S, Shrivastava P, Samsuzzaman M, Banerjee N, Das DK. Developmental delay among children under two years of age in slums of Burdwan Municipality: A cross-sectional study. Journal of Family Medicine and Primary Care. 2021 May;10(5):1945. - DOAJ, Indian Science Abstracts, PubMed Central, ESCI
8. Nayak S, Das DK, Thakur R, Banerjee N. Vaccine hesitancy in case of under-5 vaccination in slums of Burdwan Municipality, West Bengal: A cross-sectional study. Asian Journal of Medical Sciences. 2022 Feb 1;13(2):3-8. - DOAJ, Indian Science Abstracts, PubMed Central, ESCI
9. Mondal A, Saha I, Banerjee N, Saha PK, Ghosh S, Saha D. Impact of COVID-19 pandemic on psychological health and quality of sleep: An online survey from Kolkata. Asian Journal of Medical Sciences. 2021 Oct 1;12(10):12-9. - DOAJ
10. Banerjee N, De R, Basu R. Chronic Pain and Depression: A Community Based Study in a Rural Area of West Bengal. Journal of Clinical and Diagnostic Research. 2021 Mar, Vol-15(3): VC17-VC20. - Emerging Sources Citation Index, Embase

11. Gupta S, Samsuzzaman M, Banerjee N, Das DK. Field level experiences in delivering COVID-19-related services by accredited social health activists in a block of PurbaBardhaman District, West Bengal: A qualitative study. Med J DY Patil Vidyapeeth 2022;15:S8-13. - DOAJ, Scimago Journal Ranking, SCOPUS
12. Dutta K, Naskar S, Das DK, Banerjee N. Exploring challenges of teenage pregnancy and motherhood from beneficiaries and providers' perspectives: A qualitative study in a rural area of PurbaBardhaman District, West Bengal, India. J Family Med Prim Care 2022;11:7272-9. - DOAJ, Indian Science Abstracts, PubMed Central, ESCI

11. Dr. Tuhin Mukhopadhyay (Senior Resident) :

1. Mukhopadhyay T., Sarkar T.K., Das S., Chattopadhyay B. Self-Medication Practices Among Adults in A Rural Community Of West Bengal: A Cross-Sectional Study. Journal of the Indian Medical Association (Accepted). - Copernicus & Scopus

CME Arranged by the Department :

1. Herpes Zoster Vaccine (Shingles Vaccine). 08/12/23
2. Workshop on AI. 13/01/24
3. Workshop on Women Violence. 07/03/24
4. Workshop on Systematic Review. 13/05/24, 14/05/24

Achievements :

LOP for starting MD in Community Medicine in NRS Medical College (5 seats)

Dentistry

FACULTY MEMBERS

PROFESSOR

Dr. Subhas Chakraborty - HOD
Dr. Tapas Kumar Sarkar, Dr. Partha Sarathi Biswas, Dr. Sandip Kulavi

NON - TEACHING STAFF

NURSING STAFF

Bandana Guria

GROUP D STAFF

Amit Turi

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

Dr. Subhrojyoti Nath, Dr. Radhika Ghosh, Dr. Bodhisatwa Saha Dr. Subhrangshu Paul,
Dr. Shreyashi Mondal, Dr. Neha Maji, Dr. Jyoti Shaw, Dr. Meghamala Paul, Dr. Sreejata Chattopadhyay,
Dr. Mugdha Ghosh, Dr. Stuti Mitra, Dr. Pritam Dasgupta, Dr. Indranil Pal, Dr. Priyadarshini Ganguli,
Dr. Shabnam Eshita Mullick, Dr. Shankha Subhra Chakraborty, Dr. Soumyodeep Ghosh, Dr. Laboni Ray,
Dr. Koustav Kar, Dr. Swapnamoy Poddar, Dr. Amar Sankar Pal, Dr. Spandan Sarkar, Dr. Sanchari Pal,
Dr. Subhajit Gayen, Dr. Jyoti Kumari, Dr. Shruti Agarwal

List of Seminars and Case Discussion from the Department

1. Basic clinical anatomy of orofacial region.
2. Basic of local anaesthesia and exodontias.
3. Uses of antibiotics in dental practices.
4. Basic oral hygiene protocol in clinics and at home
5. Sterilization; key of all dental procedures
6. Advances in clinical instruments and machineries

Case Discussions :

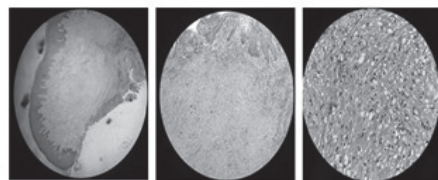
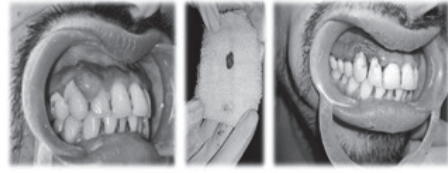
1. **Oro Antral Fistula** : A 47 years old male pt reported with discharging extraction socket following a traumatic dental extraction from outside.
2. **Pyogenic Granuloma** : A 27 years old female presented with a mushroom like swelling in the lower right premolar region which had a tendency of spontaneous bleeding.
3. **Gingival Fibromyxoma** : A 33 year old male reported with firm nodular mass over upper right canine region. Excisional biopsy done under LA and histopathological report confirms the diagnosis.
4. **Radicular Cyst** : A 65 year old pt reported with multiple root stumps. On radiological examination it was found a radicular cyst in upper left lateral incisor region accidentally which was subsequently surgically operated and histopathological report of the sample confirms the diagnosis.
5. **Drug Induced Gingival Hyperplasia** : A 40 years male patient reported to the department with hyperplastic gingiva. Pt. gave a medical history of taking anti-hypertensive drugs (amlodipine) for last 3 years.
6. **Nonhealing Ulcer** : A 55 years old, female patient reported about non-healing ulcer in the left buccal vestibule region, for last 6 months. Histopathological report reveals, dysplastic stratified squamous epithelium with surface parakeratinisation, backed by fibrocollagenous connective tissue stroma. Neoplastic epithelium is present in connective tissue stroma in the form of islands and chords. Multiple keratin pearls and subepithelial chronic inflammatory cells noted, which is suggestive of "well differentiated squamous cell carcinoma"

7. **Heamagioma** : A 37 years old female pt. reported with solid nodule black in colour & shiny over left corner of mouth which was increasing in size gradually.
8. **Oral Sub Mucous Fibrosis** : A 33 years old male pt reported with limited mouth opening for last 6 months. The pt gave a history of tobacco chewing for last 2 years, the case was addressed with conservative approach.
9. **Ludwig's Angina** : A 47 years old male patient was referred from the department of ENT with huge swelling over his face for last 2 days, radiological examination showed multiple carious root stumps with periapical radiolucency over the same region.
10. **Oral Lichen Planus** : A 41 years old female patient reported with burning sensation over both the sides of buccal mucosa. Clinical examination revealed multiple white striae with elevated dots at the intersection and some areas with small, pale red patches.
11. **Thalassemia** : A 7 years old girl diagnosed with Thalassemia, reported to the Dental O.P.D with manifestatation of severe anaemia, jaundice, gum swelling and high caries index.
12. **Early Childhood Caries** : A 4 years child reported to the department with grossly decayed primary incisors and the decayed teeth were blackish in colour.
13. **Osteopetrosis** : A 39 years old female patient presented with non healing extraction socket which was painful the patient give history of nasal dyspenia with frequent nasal congestion with gross facial deformities.

Seminars Presented :



Upper
labial
frenectomy



Fibromyxoma



Seminar presented in NRSMCH by Dr. Sanjay Prashad, Prof. & H.O.D,
Department of Dentistry, Sagar Dutta Medical College & Hospital.



Minor OT, NRSMCH

Case Discussion Presented

1. **Drug Induced Gingival Hyperplasia** : Dr. Sanchari Pal, Dr. Meghamala Paul, Dr. Arkadeep De, Dr. Soumyadeep Ghosh, Dr. Subhrojyoti Nath
2. **Radicular Cyst** : Dr. Sankha Subhra Chakraborty, Dr. Spandan Sarkar, Dr. Shreyashi Mandal, Dr. Priyadarshini Ganguly
3. **Ludwig's Angina** : Dr. Stuti Mitra, Dr. Mugdha Ghosh, Dr. Pritam Dasgupta, Dr. Neha Maji, Dr. Subhrangshu Paul.
4. **Early Childhood Caries** : Dr. Indraneel Pal, Dr. Sayan Das, Dr. Laboni Ray, Dr. Shruti Agarwal

Seminars Presented :

1. **Basic Clinical Anatomy of Orofacial Region** by Dr. Bodhisattwa Saha, Dr. Radhika Ghosh, Dr. Sreejata Chottopadhyay, Dr. Shruti Agarwal
2. **Basic of Local Anesthesia and Exodontias** by Dr. Swapnamoy Poddar, Dr. Shabnam Eshita Mullick, Dr. Jyoti Kumari
3. **Uses of Antibiotics in Dental Practices** by Dr. Subhrajyoti Nath, Dr. Jyoti Show, Dr. Amar Sankar Pal
4. **Basic Oral Hygiene Protocol in Clinics and at Home** by Dr. Kaustav Kar, Dr. Rajat Dutta, Dr. Subhajit Gayen
5. **Sterilization; Key of all Dental Procedures** by Dr. Debolina Chakraborty, Dr. Abdul Latib, Dr. Supravat Mukherjee
6. **Advances in Clinical Instruments and Machineries** by Dr. Sakshi Banthia, Dr. Rajshekhar Pradhan, Dr. Subhrangshu Paul

Dermatology

FACULTY MEMBERS

PROFESSORS

Dr. Arun Achar - HOD

ASSOCIATE PROFESSORS

Dr. Suchibrata Das, Dr. Kingshuk Chatterjee

RMO CUM CLINICAL TUTOR

Dr Arindam Sett

SENIOR RESIDENTS

Dr. Kaushiki Hajra, Dr. Sayantan Nandi

POST GRADUATE TRAINEES (3rd Years)

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

POST GRADUATE TRAINEES (2nd Years)

Dr. Chinmoy Bera, Dr. Soumi Biswas, Dr. Adityendu Chakroborty

POST GRADUATE TRAINEE (1st Year)

Dr. Mahasweta Ghosh, Dr. Monika Kumari, Dr. Kundan Kumar Gupta

NON - TEACHING STAFF

NURSING STAFF

Monika Modak

CLERK

Suparna Dey (UDC)

GDA

Raghubir Das, Sujit Mallik

Dissertations

1. A Comparative Study On Evaluation Of Fractional Co2 Laser With Platelet Rich Plasma Vs Fractional Co2 Laser Alone In Treatment Of Acne Scar (3rd year)
2. A study on clinical patterns, causative agent and biochemical changes of cutaneous adverse reaction in tertiary care hospital in eastern India. (3rd year)
3. Impact on Quality of life in Chronic and recalcitrant superficial dermatophytosis (3rd year)
4. Dermoscopic Features of Primary Cutaneous Amyloidosis in Indian population : A Cross-sectional study from Eastern India. (2nd year)
5. Dermoscopic Evaluation of topical steroid damaged skin: A Cross-sectional descriptive study. (2nd year)

6. Comparison of Effectiveness between oral tofacitinib versus oral mini pulse in moderate to very severe alopecia areata : A Randomized open-label study. (2nd year)
7. Clinico-Mycological And Dermoscopic Co Relation Of Pityriasis Versicolor In Tertiary Care Hospital : A Cross Sectional Study (1st Year)
8. Clinicoepidemiological Profile Of Melasma With Dermoscopic Evaluation : A Cross Sectional Descriptive Study (1st Year)
9. Clinicrodermoscopic study of Idiopathic Guttate Hypomelanosis in a Medical college at Kolkata : A descriptive cross sectional study (1st year)

Publications (Oct 2021 to Sept 2022)

1. Chakraborty, C., Achar, U., Nayek, S. Achar A, Mukherjee R, . CAD-PsorNet: deep transfer learning for computer-assisted diagnosis of skin psoriasis. Sci Rep 14, 26557 (2024). <https://doi.org/10.1038/s41598-024-76852-6>
2. Barman, Srutee¹; Achar, Arun¹; Sengupta, Nilanjan¹; Chowdhury, Joyeeta¹; Bhakta, Abhijit² Cutaneous Manifestations of Diabetes Mellitus in a Tertiary Care Hospital in Eastern India: A Cross-sectional Study, Journal of Dermatology and Dermatologic Surgery 28(1):p 29-32, Jan–Jun 2024.
3. Benazir Hakim¹ , Somnath Bhunia ² , Oindrila Dutta¹ , Madhobendra Nath Sarkar¹ , Tanvi Mallick ² , Suman Kundu ² , Arun Achar. Leprosy patterns and challenges for a leprosy free India: A retrospective study. IP Indian Journal of Clinical and Experimental Dermatology 2024;10(2):155–158
4. Soumi Biswas, Arun Achar*, Chinmay Bera, Adityendu Chakraborty, Mahasweta Ghosh, Monika Kumari. Combination therapy in the treatment of Stevens-Johnson syndrome/toxic epidermal necrolysis: a case series and review of literature. International Journal of Research in Medical Sciences Biswas S et al. Int J Res Med Sci. 2024Apr;12(4):1249-1254.
5. Chatterjee K, Mukherjee S, Bera DK, Goswami R. Disease severity and quality of life in patients with psoriasis: Special focus on hepatic panel. J Pak Assoc Dermatol [Internet]. 2024 Oct.11 [cited 2024Nov.5];34(4):978-84. Available from: <https://www.jpap.com.pk/index.php/jpad/article/view/2681>
6. Kaliyadan F, Chatterjee F. 'Big-Data' in dermatological research. Indian J Dermatol Venereol Leprol. 2024;90:342-4. doi: 10.25259/IJDVL_1298_2023
7. Wijnant GJ, Moulik S, Chatterjee K, Das NK, de la Flor R, Van Bocxlaer K, Croft SL, Chatterjee M. Dermal microdialysis: A method to determine drug levels in the skin of patients with Post kala-azar dermal leishmaniasis (PKDL). Exp Parasitol. 2024 Feb;257:108687. doi: 10.1016/j.exppara.2023.108687. Epub 2023 Dec 17. PMID: 38114040.

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 -seminar

7. Regular laser surgery – CO2, IPL, Q switched Nd- YAG is going on
8. IADVL West Bengal monthly clinical meeting
9. IADVL West Bengal Dermatopathology Workshop

Detailed Status of Recognition of MD (DVL) Course

1. Department runs MD (DVL) Course Recognized by MCI, 3 Seats Per Year.
2. Applied for Enhancement of Total MD Seats for 5 Seats

Achievements of Faculties & Students

1. MD Dermatology examination held at our department.
2. All MD students Passed in First attempt.
3. Dr Arun Achar - Faculty in CUTICON and MID-CUTICON organized by IADVL West Bengal, ASTICON Delhi and DERMACON
4. Dr. Suchibrata Das, working as Honorary Secretary IADVL, WB. Faculty in CUTICON and MID-CUTICON organized by IADVL West Bengal, MID-DERMACON and DERMACON
4. Laser Clinic regularly (Hair clinic , Pigment clinic , Skin Rejuvenation clinic)
5. Dr Kingshuk Chatterjee - Faculty in CUTICON and MID-CUTICON organized by IADVL West Bengal, MID-DERMACON and DERMACON

Endocrinology

FACULTY MEMBERS

PROFESSOR

Prof. (Dr.) Nilanjan Sengupta - HOD

ASSOCIATE PROFESSOR

Dr. Arjun Baidya

ASSISTANT PROFESSOR

Dr. Soumik Goswami, Dr. Sunetra Mondal, Dr. Soumita Mandal

SENIOR RESIDENTS

Dr. Mounam Chattopadhyay, Dr. Abhirup Banerjee, Dr. Niladri Das

POST DOCTORAL TRAINEES (3rd Years)

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

POST DOCTORAL TRAINEES (2nd Years)

Dr. Rajdeep Basu, Dr. Kumar Swapnil

POST DOCTORAL TRAINEES (1st Year)

Dr. Soumil Bera, Dr. Roohi Nanda, Dr. Sapan Vijaykumar Shah

NON - TEACHING STAFF

GENERAL DUTY ATTENDANT

Mr. Sanjib Dutta, Ms. Riya Choudhury

Dissertations in last one Year (Oct 2023 to Sept 2024)

1. Dr. Soumil Bera - Sarcopenia in patients with or without Pancreatic Exocrine Insufficiency in Type 2 Diabetes Mellitus: A Cross-sectional study
2. Dr. Roohi Nanda - Prevalence of female sexual dysfunction in diabetes mellitus and its association with biochemical and hormonal parameters
3. Dr. Sapan Vijaykumar Shah - Assessment of pubertal status and factors related to delayed puberty in patients of Hb E-beta thalassemia.

Publications (Oct 2022 to Sept 2023)

1. Deb R, Goswami S, Sengupta N, Baidya A, Khare VR, Datta J, et al. Prevalence of clinically significant liver fibrosis as measured by transient elastography due to nonalcoholic fatty liver disease in Indian individuals with type 2 diabetes mellitus. Indian J Endocr Metab 2024;28:38590
2. Khare VR, Sinha B, Sengupta N, Chatterjee S, Maji D, Majumder A, Guha P, Datta S, Hawelia DK, Bhattacharyya S, Chaudhuri SR, Batin M. Practise Updates: Diagnosis and Management of Idiopathic Hirsutism. Indian J Endocrinol Metab. 2024 May-Jun;28(3):239-249. doi: 10.4103/ijem.ijem_2_24. Epub 2024 Jun 26. PMID: 39086564; PMCID: PMC11288517.
3. Ghosh S, Yasmin M, Sen K, Goswami S, Das TC, Swar SC, et al. Integrated care for type 1 diabetes: The West Bengal model. Indian J Endocr Metab Sep-Oct 2023;27(5): 398-403.

4. Chattopadhyay S, Goswami S, Sengupta N, Baidya A. Can the 128-Hz tuning fork be an alternative to the biothesiometer for diabetic peripheral neuropathy screening? A cross-sectional study in a tertiary hospital in East India. *BMJ Open* 2024;14:e082193.
5. Ray A, Sahana PK, Sengupta N, Baidya A, Goswami S, Sreenath R. Efficacy and safety of canagliflozin compared with linagliptin in Indian patients with type 2 diabetes mellitus inadequately controlled on metformin : an open label randomized study. *GJRA : Volume 12; Issue 06 june 2023*; Print ISSN No 2277-8160. doi 10.36106/gjra
6. Hanumanthu A, Goswami S, Thimmegowda KB, Sengupta N, Baidya A, Sahana PK. A Study On The Prevalence Of Vitamin B12 Deficiency In Eastern Indian Type 2 Diabetes Mellitus Patients With Peripheral Neuropathy On Metformin Presenting To A Tertiary Care Hospital. *Digital Journal of Clinical Medicine*. 2023; 5(3)
7. Swapnil K, Goswami S, Sengupta N, Baidya A, Mondal S, Basu R, et al. Recurrent soft tissue calcification: Keep tumoral calcinosis in your thoughts. *IJEM Case Rep* 2023;1:104-8
8. Das N, Tarenia SS, Saha S, Gaikwad PM, Hathi DK, Goswami S, Baidya A, Sengupta N. Laron Syndrome : A Tale of Two Siblings: *JAFES* 2023 :38 ;124-127
9. Rudra Paul, Shatavisa Mukherjee, Sharmistha Basu , Nilanjan Sengupta. Add-on Vitamin E in Improving Treatment Outcomes in Diabetic Peripheral Neuropathy: A Prospective Interventional Study. *Indian Journal of Public Health Research and Development/Volume 15 No. 2 , 2024 : 312-318.*
10. Basu R, Goswami S, Sengupta N, Baidya A, Mondal S, Swapnil K, Deb R, Khare VR, Datta J. Rare coexistence of hypopituitarism with osteogenesis imperfecta – A double-trouble for bone. *Bone Rep.* 2024 Apr 23;21:101768. doi: 10.1016/j.bonr.2024.101768. PMID: 38706521; PMCID: PMC11068520.
11. Chattopadhyay S, Goswami S, Sengupta N, Baidya A. Can the 128 Hz tuning fork be an alternative to biothesiometer for peripheral diabetic neuropathy screening? A cross sectional study in a tertiary hospital in East India *BMJ Open* 2024;14:e082193. doi:10.1136/bmjopen-2023-082193.
12. Barman S, Achar A, Sengupta N, Chowdhury J, Bhakta A. Cutaneous manifestations of diabetes mellitus in a tertiary care hospital in Eastern India: A cross sectional study. *J Dermatol Dermatol Surg* 2024;28:29-32
13. Sengupta N, Banerjee A. Glucagon- like Peptide – 1 Receptor Agonist. *Sadikot's International Textbook of Diabetes 2nd Edition*. New Delhi. Jaypee Brothers Medical Publishers (P) Ltd; 2024 :358-69.
14. A Retrospective Analysis of Liraglutide as an Add-On to Existing Glucose-Lowering Therapy in Indian Adults with Suboptimally Controlled Type 2 Diabetes for Its Clinical Effectiveness: A Real-World Clinical Experience. Arjun Baidya, Rishad Ahmed, Mridul Bera, Amit Gupta, Mridul Kumar Guha. *Clinical Diabetology* 2024, 13; DOI: 10.5603/cd.101191
15. Arjun Baidya; Mridul Bera; Rishad Ahmed. Comparing sural/radial amplitude ratio and minimal F-wave latency to Conventional Nerve Conduction Studies for the Evaluation of sensitive nerve conduction parameter in type 2 Diabetic patients with Sensorimotor Polyneuropathy. *Medical Research Journal* 2024.
16. Diagnostic approach to rickets: an Endocrine Society of Bengal (ESB) consensus statement Ajitesh Roy, Amarta Shankar Chowdhury, Arindam Ray, Arjun Baidya, Bibek Roychowdhury, Dasarathi Sarkar, Debmalaya Sanyal, Indira Maisnam, Kaushik Biswas, Kaushik Pandit, Mainak Banerjee, Moutusi Raychaudhuri, Nilanjan Sengupta, Partha Pratim Chakraborty, Pradip Mukhopadhyay, Pradip

Raychaudhuri, Pranab Kumar Sahana, Rajan Palui, Rana Bhattacharjee, Sarmistha Mukhopadhyay, Satinath Mukhopadhyay, Sayantan Ray, Soumik Goswami, Subhankar Chowdhury, Subhodip Pramanik, Subir Chandra Swar, Sujoy Ghosh, Sunetra Mondal, Tapas Chandra Das. *Ann Pediatr Endocrinol Metab* 2024;29:284-307.

17. Chowdhury AS, Palui R, Pramanik S, Mondal S. Glycemic variability in chronic calcific pancreatitis with diabetes mellitus and its possible determinants. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*. 2024 Aug 1;18(8):103100.
18. Mondal S, Gargari P, Bose C, Garg MK, Chowdhury S, Mukhopadhyay S. Abnormal Body Composition Increases the Cardiometabolic Risk in Adolescents and Young Adults With Turner Syndrome. *Endocrine Practice*. 2024 Mar 1;30(3):259-69.
19. Mondal S, Gargari P, Nagendra L, Mandal S, Kumar RC, Shah P, Halder M, Chowdhury S, Mukhopadhyay S. Growth hormone therapy is associated with improved uterine dimensions in girls with Turner syndrome prior to oestrogen replacement. *Clinical Endocrinology*. 2024 Jan;100(1):66-75.
20. Kamrul-Hasan AB, Mondal S, Nagendra L, Yadav A, Aalpona FT, Dutta D. Role of teplizumab, a humanized anti-CD3 monoclonal antibody, in managing newly diagnosed type 1 diabetes: an updated systematic review and meta-analysis. *Endocrine Practice*. 2024 Mar 20.
21. Kamrul-Hasan AB, Dutta D, Nagendra L, Mondal S, Bhattacharya S, Kalra S. Safety and efficacy of the novel RNA interference therapies for hypertriglyceridemia and mixed hyperlipidemia management: a systematic review and meta-analysis. *Endocrine Practice*. 2024 Sep 6.
22. Nagendra L, Mondal S, Bhat S, Boro H, George B, Bhattacharya S, Kalra S. PURsuit of endocrinology (PURE): A national survey among first-year endocrinology residents across India. *Indian Journal of Endocrinology and Metabolism*. 2023 Sep 1;27(5):450-5.
23. Bhattacharya S, Nagendra L, Dutta D, Mondal S, Bhat S, Raj JM, Boro H, Kamrul-Hasan AB, Kalra S. First-trimester fasting plasma glucose as a predictor of subsequent gestational diabetes mellitus and adverse fetomaternal outcomes: A systematic review and meta-analysis. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*. 2024 Jun 1:103051.
24. Kamrul-Hasan AB, Mondal S, Nagendra L, Yadav A, Aalpona FT, Dutta D. Role of teplizumab, a humanized anti-CD3 monoclonal antibody, in managing newly diagnosed type 1 diabetes: an updated systematic review and meta-analysis. *Endocrine Practice*. 2024 Mar 20.
25. Mondal S, Nagendra L, Chowdhury AS, Palui R, Biswas S, Mukherjee D, Khan K, Sengupta A, Pandey A. Transient Neonatal Hypocortisolism in Neonates with Hypoglycemia—Coexistence or Cause?. *Indian Journal of Endocrinology and Metabolism*. 2024 Mar 1;28(2):145-52
26. Mondal S, DasGupta R, Lodh M, Parida A, Halder M, Ganguly A. Diabetic keto-acidosis in pancreatic diabetes—how is it different from DKA in type 1 or type 2 DM?. *International Journal of Diabetes in Developing Countries*. 2024 Jun;44(2):278-88.
27. Nagendra L, Dutta D, Mondal S, Kapoor N, Joshi A, Bhattacharya S. Hyperprolactinemia due to prolactinoma has an adverse impact on bone health with predominant impact on trabecular bone: a systematic review and meta-analysis. *Journal of Clinical Densitometry*. 2023 Nov 25:101453.
28. Mondal S, Pramanik S, Khare VR, Fernandez CJ, Pappachan JM. Sodium glucose cotransporter-2 inhibitors and heart disease: Current perspectives. *World Journal of Cardiology*. 2024 May 5;16(5):240

29. Mondal S, Fistus VA, Pappachan JM. Bariatric and endo-bariatric interventions for diabetes: What is the current evidence?. *World Journal of Diabetes*. 2024 Nov 15;15(11):2255-63.
30. Shenoy MT, Mondal S, Fernandez CJ, Pappachan JM. Management of male obesity-related secondary hypogonadism: A clinical update. *World Journal of Experimental Medicine*. 2024 Jun 6;14(2).
31. Nagendra L, Mondal S, Bhattacharya S. Thyroid Disorders in the Tropics. *Endotext [Internet]*. 2024 Jul 28.
32. Pramanik S, Mondal S, Palui R, Ray S. Type 2 diabetes in children and adolescents: Exploring the disease heterogeneity and research gaps to optimum management. *World Journal of Clinical Pediatrics*. 2024 Jun 9;13(2).
33. Mondal S, Saha A, Biswas SC, Mukhopadhyay S. The immediate and long-term metabolic implications of maternal obesity and gestational weight gain. In *Metabolic Syndrome* 2024 Jan 1 (pp. 647-656). Academic Press.
34. Nagendra L, Mondal S. Fostering Excellence in Endocrinology Research: The Inaugural Edition of the Yuvaratna Awards of the Endocrine Society of India. *Indian Journal of Endocrinology and Metabolism*. 2024 Jan 1;28(1):19-21.
35. Nagendra L, Bhattacharya S, Kapoor N, Shaikh S, Das S, Mondal S, Khare J, Kota S, Mittal S, Mittal R, Sukumar S. Colours of India: Uniting Endocrinologists in Fitness and Friendship. *Indian Journal of Endocrinology and Metabolism*. 2024;10-4103.
36. Roy A, Chowdhury AS, Ray A, Baidya A, Roychowdhury B, Sarkar D, Sanyal D, Maisnam I, Biswas K, Pandit K, Mondal S, Banerjee M. Diagnostic approach to rickets: an Endocrine Society of Bengal (ESB) consensus statement. *Annals of Pediatric Endocrinology & Metabolism*. 2024 Oct 31;29(5):284-307.
37. Nagendra L, Dutta D, Mondal S, Yadav A, Aalpona FT, Kamrul-Hasan AB. Reply to the Letter to the Editor, Endocrine Practice for" Role of Teplizumab, a Humanized Anti-CD3 Monoclonal Antibody, in Managing Newly Diagnosed Type 1 Diabetes: An Updated Systematic Review and Meta-Analysis. *Endocrine Practice*. 2024 Jul 9.
38. Bhattacharya S, Sahay R, Afsana F, Sheikh A, Widanage NM, Maskey R, Naseri MW, Murad M, Mondal S, Harikumar KV, Selim S, Aamir AH. Global Warming and Endocrinology: The Hyderabad Declaration of the South Asian Federation of Endocrine Societies. *Indian Journal of Endocrinology and Metabolism*. 2024 Mar 1;28(2):129-36.
39. Bhattacharya S, Mondal S, Kalra S. Ratiocination of ratios in endocrinology. *JPMA. The Journal of the Pakistan Medical Association*. 2024 Oct;74(10):1881-3.

Ongoing Research Projects in Department :

Dr Arjun Baidya

- i. Principal Investigator of "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"
- ii. Principal Investigator of "A multicentre, prospective, non-interventional single-arm study investigating clinical parameters associated with the initiation of once-daily oral Semaglutide in a real-world adult population with type 2 diabetes in India"
- iii. Principal Investigator of "A Prospective, Open-Label, Randomized, Parallel Group, Comparative, Multi-Center, Phase IV Trial to Evaluate the Immunogenicity and Safety of Wockhardt's Basal or

Bolus human insulin (Wosulin R, Wosulin N and Wosulin 30/70) with Eli Lilly's Basal or Bolus human insulin (Huminsulin R, Huminsulin N and Huminsulin 30/70) in subjects with Diabetes Mellitus”

- iv. Principal Investigator of “PHASE II CLINICAL TRIAL ON FIXED DRUG COMBINATION (FDCs) OF NALTREXONE HYDROCHLORIDE AND ZONISAMIDE SUSTAINED RELEASE CAPSULES”
- v. A Randomized, Multicenter, Active-controlled Open-labelled, Multiple-Dose, Dose Finding, Parallel Group Trial, Investigating the Efficacy, Safety, Immunogenicity, Tolerability, Pharmacokinetics and Pharmacodynamics of Three Different Weekly Doses of ALT-P1 Compared to Daily Growth Hormone Treatment (Genotropin®)] in Growth Hormone Treatment naïve Pre-pubertal Children With Growth Hormone Deficiency

Dr. Soumik Goswami

- i. Hypothalamic-pituitary adrenal axis suppression in pediatric patients with Acute lymphoblastic Leukaemia receiving glucocorticoids
- ii. Comparison of oral glucose tolerance test and ambulatory glucose 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. Vibhu Ranjan Khare

- i. Assessment of Testosterone levels and Role of Testosterone Replacement therapy in adult women with Turner syndrome receiving adequate estrogen replacement

Dr. Rajdeep Basu

- i. Relationship between Sarcopenia and Liver Fibrosis in Male Individuals Having Type 2 Diabetes Mellitus with Reference to Serum Testosterone Levels

Dr. Kumar Swapnil

- i. Magnitude of Histopathological Evidence of Thyroid Dermopathy in patients of Graves Disease with Inapparent Clinical Dermopathy-A Cross Sectional Survey
- ii. Genotype Phenotype correlation in cases of Central Precocious Puberty focusing on their metabolic risk and response to GnRH agonists.

Achievements by Faculty Members :

Prof. (Dr.) Nilanjan Sengupta

- i. Associate Editor, Indian Journal of Endocrinology and Metabolism
- ii. Delivered Debidash Banerjee Memorial Oration at ACDACON 2023 at Garhpanchakot, Purulia.

Dr. Arjun Baidya

- i. Faculty of “National Diabetes Educator Program” Course
- ii. 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 of Pharmaceutical Research International, Post Graduate Medicine, Endocrinology, Diabetes & Metabolism, Cureus Journal, Frontiers in Endocrinology

iii. Presentations:

- a. Rishad Ahmed; Arjun Baidya; Mridul Bera. Glycaemic Gap As an Indicator of Prognosis in Critically ill Patients with Diabetes. Abstract # 1003. 60th EASD Annual Meeting. 9 - 13 September 2024. Madrid, Spain.
- b. Baidya A, Bera M, Ahmed R, Gupta M, Guha MK. Assessment of The Real-World Effectiveness of Lobeglitazone In Indian Patients With Type 2 Diabetes. IDF 2023 Virtual Congress, Abstract - #0480. 4-7 December 2023
- c. Gupta A, Bera M, Baidya A, Ahmed R. The prevalence of endogenous crushing syndrome (CS) in adults with diabetes mellitus in Eastern India. IDF 2023 Virtual Congress, Abstract - #0560. 4-7 December 2023, Brusel, Belgium.

Dr. Soumik Goswami

- i. Treasurer, Endocrine Society of Bengal
- ii. Associate Editor, IJEM case reports

Dr. Sunetra Mondal

- i. Yuvaratna award by ESI (2023) for research in private
- ii. FRCP (Fellowship by Royal College of Physicians, Edinburgh) Nov 2024

Achievements by Post-Doctoral Students :

Dr. Vibhu Ranjan Khare

- i. Won 1st prize in Oral Presentation in EKDGCon in April 2024
- ii. Won 2nd prize in Oral Presentation in IDEACON in July 2024
- iii. Won 2nd prize in poster presentation in ESICON at Hyderabad in November 2023 titled: "A study on spectrum of cardiovascular anomalies in patients of Turner Syndrome using Cardiac Magnetic Resonance Imaging"
- iv. Won 2nd prize in poster presentation in ESICON at Hyderabad in November 2023 titled: "Correlation of HbA1c and mean glucose levels in children with Type 1 Diabetes Mellitus from Eastern India – Do we need to revise our targets ?"
- v. Won 3rd prize in Endocrine Enrichment Program for oral presentation held on 20th November 2024
- vi. All India 10th Rank in a national Medicine Quiz organised by Pfizer.
- vii. Case presentation on "Thyroid Eye Disease" at an online platform for Endocrine Society of India Case Capsule Series
- viii. Poster presentation in ENDOUpdate at Lucknow in June 2024
- ix. Case presentation in Endocrine Society of Bengal clinical meet in February 2024
- x. Poster presentation in ENDOUpdate at Chennai in February 2024
- xi. Oral paper presentation in RSSDI – West Bengal Chapter in August 2024
- xii. Presented a case titled: "Adrenal tumor in a small child – the long road to diagnosis" in AACE Kolkata in May 2024
- xiii. Presented a case on "Thyroid Eye Disease" in Endocrine Enrichment Programme in October 2024

- xiv. Published a consensus statement for IDEACON on Idiopathic Hirsutism Contributing Author to the book "Complications in Diabetes Mellitus: From Bench to Bedside – With a focus on Secondary Diabetes"

Dr. Rajat Deb

- i. 1 st Runner up, Oral Paper Presentation at annual conference of RSSDI, West Bengal chapter 2024, Kolkata
- ii. Poster Presentation at Annual conference of Endocrine Society of India, ESICON 2023, Hyderabad
- iii. Presented a case on "Diabetic Foot Ulcer" in Endocrine Enrichment Programme in October 2024

Dr. Joydip Datta

- i. Poster presentation ISBMR 2024 at Chennai 2024
- ii. Presented a case on "Rickets" in Endocrine Enrichment Programme in October 2024

Dr. Rajdeep Basu

- i. Presented a case on "Hypogonadism" in Endocrine Enrichment Programme in October 2024

Dr. Kumar Swapnil

- i. Presented a case on "46 XY DSD" in Endocrine Enrichment Programme in October 2024

Dr. Soumil Bera

- i. Presented a case on "Acromegaly" in Endocrine Enrichment Programme in October 2024

Dr. Sapan Vijaykumar Shah

- i. Presented a case on "Cushing's Syndrome" in Endocrine Enrichment Programme in October 2024

Departmental Programmes and Events

1. **ESB Monthly Clinical Meet on 20/02/2024** Organised in association with Endocrine Society of Bengal.
2. **World Thyroid Day celebration in association with Endocrine Society of Bengal on 25/05/2024**
Dr. Deepanjan Mitra delivered a guest lecture
3. **ESB Monthly Clinical Meet on 23/07/2024** Organised in association with Endocrine Society of Bengal
4. **Endocrine Enrichment Program in association with Endocrine Society of Bengal on 19/10/2024**
124 DM/DrNB students of which 92 were from different parts of India and 25 faculties including 11 outstation faculties

Forensic Medicine & Toxicology

FACULTY MEMBERS

PROFESSORS

Dr. Saurabh Chattopadhyay - HOD

ASSOCIATE PROFESSOR

Dr. Sayak Sovan Dutta, Dr. Sandip Mukhopadhyay

ASSISTANT PROFESSOR

Dr. Deepmalya Sengupta, Dr. Molly Banerjee

DEMONSTRATORS

Dr. Manideepa Barua

POST DOCTORAL TRAINEES (Final Year)

Dr. Rohit Sarkar, Dr. Arijit Bari

POST DOCTORAL TRAINEES (2nd Years)

Dr. Sheikh Nadeem

POST DOCTORAL TRAINEES (1st Years)

Dr. Mukesh M, Dr. Suklal Mandi

NON - TEACHING STAFF

LDC

Mr Abhijit Roy

GDA

Mr. Sanjay Sarkar, Mrs. Kamala Devi Mallick, Mr. Rajendra Mallick, Mr. Rakesh Santra

LABORATORY ATTENDANT

Mr. Manick Mallick, Mr. Bikki Mallick, Mr. Banty Mallick, Mr. Sahil Mallick, Mr. Sammi Mallick, Raj Mallick

Dissertations

1. Dr. Rohit Sarkar (3rd Year PGT) - A study to compare the antemortem CT scan and autopsy findings in head injury cases.
2. Dr. Arijit Bari (3rd Year PGT) - A study to compare coup and contrecoup injuries in acceleration deceleration head injury cases at a tertiary care hospital in Kolkata.
3. Dr. Sheikh Nadeem (2nd Year PGT) - A study of distribution and pattern of thoracic injuries in traumatic deaths.
4. Dr. Mukesh M (1st Year PGT) - Microbiological profiling of natural deaths detected during Medicolegal autopsy.
5. Dr. Suklal Mandi (1st Year PGT) - Pattern of injuries in fatal cases of fall from height in a tertiary care hospital, Kolkata.

Publications

1. Sarkar R, Dutta SS, Banerjee M, Bari A, Nadeem S. Is Medicolegal Autopsy necessary in Diagnosed Natural Deaths? Journal of Indian Academy of Forensic Medicine. 2024 January-March; 46(1): 54-8.
2. Nadeem S, Dutta SS, Banerjee M, Chattopadhyay S, Sarkar R. Impact of Lockdown on Unnatural Deaths at a Tertiary Care Hospital, Kolkata. Journal of Indian Academy of Forensic Medicine. 2024 June; 46(1-Suppl): 117-20.

3. Saha D, Chattopadhyay S, Dutta SS, Roy AK. Critically ill patients: Histopathological evidence of thyroid dysfunction. J Crit Care. 2023 Dec;78:154384. doi: 10.1016/j.jcrc.2023.154384. Epub 2023 Jul 25. PMID: 37499381.

Ongoing Research Work :

1. Assessment of Microbiological profile from Surgically Intervened and Postoperative wounds in Fatal road traffic injury cases.

Principal Investigator - Dr. Saurabh Chattopadhyay

Co-Investigator - Dr. Swagata Ganguly Bhattacharjee, Dr. Sayak Sovan Dutta, Dr. Kabita Choudhury.

2. Mortuary based study on estimation of post-mortem interval from morphometry and development of maggots under hot and humid conditions of Kolkata.

Principal Investigator - Somasish Ghosal

Co-Investigator - Dr. Saurabh Chattopadhyay, Dr. Subhankar Kumar Sarkar.

3. Characterization and Forensic Diagnosis of Fly Artifacts from Biological Stains: Field Based Approach and Logistic Models

Principal Investigator - Dr. Subhankar Kumar Sarkar, Professor, Dept. of Zoology. University of Kalyani.

Co-Investigator - Dr. Saurabh Chattopadhyay, Prof & Head, Dept. of FMT NRSMC

4. An Autopsy Based Study To Find Out The Gross and Histopathological Changes in Heart In Long Standing Antipsychotic Therapy.

Principal Investigator - Dr. Sheikh Nadeem

Co-Investigator - Dr. Sayak Sovan Dutta, Dr. Moumita Paul, Dr. Molly Banarjee, Dr. Sandip Mukhopadhyay, Dr. Sujata Bhattacharya, Dr. Saurabh Chattopadhyay.

5. An Autopsy Based Study To Find Out The Gross and Histopathological Changes in Pancreas In Long Standing Antipsychotic Therapy.

Principal Investigator - Dr. Sheikh Nadeem

Co-Investigator - Dr. Sayak Sovan Dutta, Dr. Moumita Paul, Dr. Molly Banarjee, Dr. Sandip Mukhopadhyay, Dr. Sujata Bhattacharya, Dr. Saurabh Chattopadhyay.

6. An autopsy-based study to find out the pattern of head injury and period of survival in two-wheeler incidents with and without helmets.

Principal Investigator - Dr. Rohit Sarkar

Co-Investigators - Dr. Sayak Sovan Dutta, Dr. Sanjay Bandyopadhyay, Dr. Sheikh Nadeem, Dr. Arijit Bari.

7. A Retrospective Study of The Pattern of Mortality due to thermal Burn Injuries.

Principal Investigator - Dr. Sheikh Nadeem.

Co-Investigators - Dr. Arijit Bari, Dr. Rohit Sarkar, Dr. Saurabh Chattopadhyay, Dr. Molly Banarjee.

8. Personal Identification using Dorsal Finger Skin Crease: A Forensic Approach.

Principal Investigator - Dr. Saurabh Chattopadhyay Prof & Head, Dept. of FMT NRSMC

Co-Investigator - Ms. Ashmita Paul, Assistant Professor, Department of Forensic Science & Technology, MAKAUT, Haringhata, Nadia.

Achievements

Dr. Saurabh Chattopadhyay was awarded the 3rd Best Podium presentation (Faculty) at the "Forensic Medicon 2024" held at AIIMS Nagpur in January 2024.

Gynecology and Obstetrics

FACULTY MEMBERS

PROFESSORS

Dr. Runa Bal - HOD

Dr. Anuradha Phadikar, Dr. Pallab Kumar Mistri, Dr. Sukumar Mitra

ASSOCIATE PROFESSORS

Dr. Shibram Chattopadhyay, Dr. Swapan Das, Dr. Mini Sengupta, Dr. Priyadarshi Mandal

ASSISTANT PROFESSORS

Dr. Samaresh Malo, Dr. Debraj Basu, Dr. Subrata Gayen, Dr. Debasish Char

RMO CUM CLINICAL TUTOR

Dr. Sanjib Sankar Mandal, Dr. Naba Kumar Saha, Dr. Arindam Saha, Dr. Krishnendu Goswami,
Dr. Sharmistha Ganguly, Dr. Anuvati Nag

SENIOR RESIDENT

Dr. Raj Shree, Dr. Mansi Khemka, Dr. Shayoni Dutta, Dr. Sofiya Akhtar,
Dr. Somdutta Basu, Dr. Sripriya Nopany

POST GRADUATE TRAINEES

Dr. Pritam Dey, Dr. Kumari Anjali, Dr. Sapkal Mahesh Maruti, Dr. Jayati Gayen,
Dr. Manisha Mondal, Dr. Sudeshna Mukherjee

Dr. Neha Roy, Dr. Binoy Hembram, Dr. Debarun Das, Dr. Priya Kumari,
Dr. Tanurama Garain, Dr. Shantanu Halder

Dr. Kaushik Bhagat, Dr. Anisha Kajur, Dr. Aindrila Kundu, Dr. Moumita Biswas,
Dr. Hemanta Mallick, Dr. Swang Prova Nandi

Dr. Sohini Sardar, Dr. Anjan Biswas, Dr. Anwesha Chakraborty, Dr. Qaisi Qaiser Alam,
Dr. Emmanuel Rabha, Dr. Chandni Agarwal

Dr. Preety Pandey, Dr. Zeenat Parveen, Dr. M. A. Iqbal, Dr. Debo Priya Biswas,
Dr. Aratrika Chakraborty, Dr. Bidisha Ghoshal

Dr. Anurima Guha, Dr. Ayesha Sadaf, Dr. Arindam Roy, Dr. Richa Gupta,
Dr. Baivab Satiar, Dr. Nazia Shamim

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, Pratap Hela

Dissertations

1. **Sohini Sardar** : Thesis Topic - Risk of Malignancy Index in evaluation of ovarian tumor.
2. **Swayangprabha Nandy** : Ipcon 2023 Intrahepatic cholestasis of pregnancy in twin pregnancies : an analysis of risk and fetomaternal outcomes.
3. **Ayesha Sadaf** : Thesis Topic - An Observational Study on Assessment of Pregnancy Outcome in Women with Thalassemia Carrier State in a Tertiary Care Centre.

4. **Pritam Dey** : Thesis : Postpartum depression and its clinical correlates in a tertiary care centre from west Bengal.
5. **Debarun Das** : Thesis - Comparative study of two pop desogestrol and drospirenone in terms of benefits and side effects.
6. **Neha Roy** : Thesis - Carbetocin vs oxytocin in the prevention of pph.
7. **Kaushik Bhagat** : Impact of Dyslipidemia in gestational hypertensive women and it's correlation with developing pre eclampsia and eclampsia.
8. **Shantanu Halder** : Correlation between raised serum uric acid level during 1st trimester and the risk of developing GDM.
9. **Zeenat Parveen** : A Study of antepartum ctg in mother's complaining reduced fetal movement at term and it's correlation with mode of delivery and neonatal outcome.
10. **Dr. Sapkal Mahesh Maruti** : The Levels of Pregnancy -associated Plasma Protein(PAPP-A) and Beta Human Chorionic Gonadotropin(b -Hcg) in the blood serum of Women with Hypothyroidism and Euthyroid in the 1st trimester of pregnancy
11. **Dr. Quazi Quaiser Alam** : Partographic Analysis of Active Phase of Spontaneous Labour by Modified WHO Partograph in Tertiary Care Centre Dr. Jayati Gayen 3. Topic-Epidemiological Study on Fetomaternal Outcome of Teenage pregnancy delivered in a Tertiary Care Centre
12. **Dr. Anisha Kujur** : A comparison of outcome of eclamptic mother following vaginal delivery versus cesarean delivery Dr. Binoy Hembram. 5.Comparative study of late preterm verses term in respect to mode of delivery and perinatal outcome
13. **Dr. Aindrila kundu** : Assesment of high risk factors of heart failure in singleton pregnancies and fetomaternal outcome amongst these pregnancies
14. **Dr. Anwesha Chakraborty** :Topic of thesis- vitamin D lavel in patients with pre eclampsia- A case control study
15. **Dr. M. A. Ikbali** : Effect of Maternal Periodontitis in Preterm Labour Dr. Anjan Biswas 9.A Prospective Study of Fetomaternal Outcome in Pregnancies Complicated with Haemoglobinopathies in A Tertiary Care Hospital
16. **Dr. Debopriya Biswas** : A prospective study of newly detected hypothyroidism in pregnancy and it's fetomaternal outcome in a tertiary care hospital
17. **Dr. Richa Gupta** : Association of Serum C-Reactive Protein with Preeclampsia and Its Effect on Fetal Birth Weight - A Case Control Study
18. **Dr. Arindam Roy** : Fetomaternal outcome in elderly primigravida, an observational cross-sectional study in a tertiary care centre
19. **Dr. Manisha Mondal** : Epidemiological Study on Postpartum Acute Kidney Injury (AKI) and Maternal Outcome
20. **Dr. Sudeshna Mukherjee** : Abnormal Colour Doppler Velocimetry Findings in Pre-Eclampsia Patients: A Descriptive Longitudinal Study
21. **Dr. Tanurama** : Vaginal infection in PPRM
22. **Dr. Priya Kumari** : Proportion of Postpartum Anemia in a Tertiary Care Centre in Kolkata.
23. **Dr. Moumita Biswas** : Evaluation of Coagulation Profile in Eclampsia and Preeclampsia
24. **Dr. Bidisha Ghoshal** : Prevalence of abnormal Pap smear in pregnancy : A descriptive cross-sectional study
25. **Dr. Emmanuel Rabha** : Cerebroplacental Ratio and Its Relation to Adverse Perinatal Outcomes
26. **Dr. Chandni Agarwal** : Effect of Maternal Body Mass Index on Feto- Maternal Outcomes

27. **Dr. Hemanta Mallick** : A Study of Feto-Maternal Outcome in Cesarean Deliveries conducted in First Stage versus Second Stage of Labour
28. **Dr. Aratrika Chakraborty** : A Descriptive Longitudinal study of midtrimester lipid profile in prediction of Hypertensive disorder of Pregnancy in a medical college in kolkata
29. **Dr. Nazia Shamim** : Safety And Effectiveness of Single Rod Etonogestrel Releasing Implant as Reversible Contraceptive In Immediate Post Partum Period
30. **Dr. Baivab Satiar** : Clinical presentation and outcome of obstetric sepsis amongst antenatal and postnatal mothers admitted in a high dependency unit of a tertiary care center - a prospective study

Publications

- 1) Continuous Dialogist Vs Cyclical Dienogest with ethynil Estradiol in the Management of Pelvic Endometrioses – A prospective Interventional Study.
Patriarchy T. Sangma, Palash Mazumdar, Dipa Mallick, Shyamali Dutta, Sukumar Mitra, Sohini Sen, Journal of Clinical and Diagnostic Research, August, 2023, Vol- 17(8).
- 2) Umbilical and Juvtaumbilical Chronic Discharging Since as a Delayed Complication of Caesarean Section; A case series.
Interventional Journal of Anatomy, Radiology and Surgery, September, 2023, Vol - 12(5). Sukumar Mitra, Shyamali Dutta, Krutika Sandeep Sawant, Sohini Sen, Md. Mohsin.
- 3) A study of risk factors and maternal outcome of relaparotomy after cesarean section -A prospective observational study in a tertiary care hospital in West Bengal.
Abhimanyu Gayen, Ramesh Ranjan Halder, Moumita Majhi, Runa Bal Journal of cardiovascular disease research Vol 14 issue 7, 2023
- 4) A comparative study of pregnancy outcome and risk factors in preterm premature rupture of membranes between 28 to less than 34 weeks of gestation and 34–37 weeks of gestation Nabanita Dasgupta, Anamika Chaudhuri, Arnab Kr. Koley, Anuradha Phadikar European Journal of Cardiovascular Medicine Issue 2023.
- 5) Chronic ITP in pregnancy -a prospective study in a tertiary care hospital in West Bengal Nabanita Dasgupta, Prantar Chakraborty, European journal of Cardiovascular medicine Issue, 2023.
- 6) Comparison of fetal Safety of vaginal misoprostol tablet and Dinoprostone gel for induction of Labour : an open Label Randomized Control Trial, Samanta A, Rakshit BM, Pallab Kr. Mistri. J Obstetrick Gynaecol Res, 2023.

Achievement by the Faculty :

1. Prof. Runa Bal Attended the BOGSCON, 2024 Kolkata as Faculty.
2. Dr. Anuvati Nag Attended BOGSCON, 2024 Kolkata as Faculty.
3. Dr. Mini Sengupta and Dr. Sharmistha Ganguly Attended BOGSCON, 2024 in Kolkata as Faculty.
4. Dr. Krishnendu Goswami Attended the AICOG RCOG in May, 2023 as Faculty Speaker.
5. Dr. Krishnendu Goswami Attended the AICOG, 2023, Kolkata as Faculty.
6. IAGE conducted EAGLES project in NRS Medical college Dept of Obs and Gynae on 20th July 2024 which is designed to teach basic endoscopic skills to residents so that every resident can perform basic Hysterolaprosopy procedures. Total 38 junior and senior residents attended the training along with faculties. There were 5 cases which were operated by the expert faculty of IAGE. Certificates were given to all those who attended the training. Every basic steps of endoscopy starting from port placement , safe entry, ergonomics, use of various energy sources was thoroughly demonstrated which was appreciated by all .

Achievement by the Student :

1. Dr. Kumari Anjali stood first in Oral presentation in BOGSCON 2023

Hematology

FACULTY MEMBERS

PROFESSORS

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

ASSOCIATE PROFESSORS

Dr Sandeep Saha, Dr Shuvra Neel Baul

ASSISTANT PROFESSORS

Dr Subham Bhattacharya, Dr Abhishek Sharma

CLINICAL TUTOR

Dr Shipla Roy

POST GRADUATE TRAINEES (3rd Year)

Dr Kaustav Ghosh, Dr Chirasree Sanyal

POST GRADUATE TRAINEES (2nd Year)

Dr Praveen Kumar Jha, Dr Praveen Kumar

POST GRADUATE TRAINEES (1st Year)

Dr Subhra Kamal Saha, Dr Suprotim Ghosh, Dr Pratibha Singh, Dr Mayank Pandey

NON - TEACHING STAFF

MOLECULAR BIOLOGIST

Dr Aditi Sen

MEDICAL OFFICER

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

Dissertations in last one Year (Sep 2023 to Sept 2024)

1. **Dr. Kaustav Ghosh** : A Study on Outcome of Low Dose Azacytidine in Patients of Lower Risk Myelodysplastic Syndromes
2. **Dr. Chirasree Sanyal** : Outcome Assessment of Phenotype Matched Packed Red Blood Cell (PRBC) Transfusion in Thalassemia Patients, in Relation to alloantibody, autoantibody Formation and Transfusion Requirement
3. **Dr. Praveen Kumar Jha** : A Study on Role of L-Asparaginase Level on Measurable Residual Disease (MRD) Status in Newly Diagnosed Pediatric Acute Lymphoblastic Leukemia (ALL) And Its Relationship with Early Clinical Outcome
4. **Dr. Praveen Kumar** : Comparison of Point of Care Ultrasonography with MRI In Assessment of Joints in Hemophilic Arthropathy
5. **Dr. Subhra Kamal Saha** : Effectiveness of Romiplostim and Eltrombopag as Dual Agent in the Treatment of Aplastic Anemia: A Prospective Study
6. **Dr. Suprotim Ghosh** : Effectiveness of Imatinib in Modifying the Complications of Sickle Cell Syndromes”

7. **Dr. Pratibha Singh** : Effectiveness of subcutaneous Bortezomib in patients with low and intermediate risk Myelodysplastic Syndrome”
9. **Dr. Mayank Pandey** : Clinical Outcome of Hydroxyurea with Thalidomide in Patients of Hb E Beta Thalassemia and its Relationship with XmnI Polymorphism

Publications (Oct 2023 to Nov 2024)

1. Jain AK, Sharma P, Saleh S, Dolai TK, Saha SC, Bagga R, Khadwal AR, Trehan A, Nielsen I, Kaviraj A, Das R. Multi-criteria decision making to validate performance of RBC-based formulae to screen - thalassemia trait in heterogeneous haemoglobinopathies. BMC Medical Informatics and Decision Making. 2024 Jan 2;24(1):5.
2. Kazi, Bilal, Prakas Kumar Mandal, Sumit Mitra, Imaan Rumani, Soma Mandal, Tuphan Kanti Dolai, and Reshma Ghosh. "Single dose of peg GCSF compared with daily GCSF in de novo acute myeloid leukemia patients on high dose cytarabine consolidation chemotherapy (HIDAC)." (2024). Research square.
3. Ghosh K, Bhattacharya S, Roy S, Mandal PK, Sharma A, Baul S, Saha S, De R, Dolai TK. Juvenile Myelomonocytic Leukemia–Experience from a Tertiary Care Hospital in Eastern India. Asian Pacific Journal of Cancer Care. 2024 Jan 2;9(1):161-4.
4. Jain AK, Sharma P, Saleh S, Dolai TK, Saha SC, Bagga R, Khadwal AR, Trehan A, Nielsen I, Kaviraj A, Das R. Multi-criteria decision making to validate performance of RBC-based formulae to screen - thalassemia trait in heterogeneous haemoglobinopathies. BMC Medical Informatics and Decision Making. 2024 Jan 2;24(1):5.
5. Seth T, John MJ, Chakrabarti P, Shanmukhaiah C, Verma SP, Radhakrishnan N, Dolai TK. Cost-effectiveness analysis of emicizumab prophylaxis in patients with haemophilia A in India. Haemophilia. 2024 Mar;30(2):426-36.
6. Menon H, Singh PK, Bagal B, Dolai T, Jain A, Chaudhri A. Minimal Residual Disease in the Management of B-Cell Acute Lymphoblastic Leukemia: A Systematic Review of Studies from Indian Settings. Indian Journal of Hematology and Blood Transfusion. 2024 Jan;40(1):1-1.
7. Basu S, Gupta S, De R, Baul SN, Sen A, Dasgupta S, Biswas A. (2024). Detection of Common Deletion Mutations in HBA gene and Genotype-Phenotype Correlation Preprint version in MedRxiv 2024.
8. Prakas Kumar Mandal, Debasis Gantait, Kaustav Ghosh, & Malini Garg. (2024). Effectiveness of Physiotherapy and Physical Rehabilitation in the Treatment of Chronic Hemophilic Arthropathy: A Prospective Study From a Comprehensive Hemophilia Care Center in Eastern India. International Journal of Health and Clinical Research, 7(1), 21–24.
9. Chirasree Sanyal, Kaustav Ghosh and Prakas Kumar Mandal, 2024. Raccoon Eye Sign, Spectrum of Manifestations of Diverse Haematological Diseases. Res. J. Med. Sci., 18: 559-564, doi: 10.59218/makrjms.2024.2.18.559. 56.
10. Ghosh K, Bhattacharya S, Roy S, Mandal PK, Sharma A, Baul S, Saha S, De R, Dolai TK. Juvenile Myelomonocytic Leukemia–Experience from a Tertiary Care Hospital in Eastern India. Asian Pacific Journal of Cancer Care. 2024 Jan 2;9(1):161-4.
11. Roy S, Ghosh K, Mandal PK, Das S. Mycosis Fungoides: The Great Masquerader–Trilogy Case Series. Asian Pacific Journal of Cancer Care. 2024 Jan 2;9(1):157-60.

12. Ghosh K, Bhattacharya S, Roy S, Mandal PK, Sharma A, Baul S, Saha S, De R, Dolai TK. Juvenile Myelomonocytic Leukemia–Experience from a Tertiary Care Hospital in Eastern India. *Asian Pacific Journal of Cancer Care*. 2024 Jan 2;9(1):161-4.
13. Chakraborty B, De R. Letter to Editor on "Impact of smart phone use on adolescence health in India". *Bioinformation*. 2024;20(1):36-38. Published 2024 Jan 31.
14. Ghosh K, Baul SN, Dolai TK. Hodgkin lymphoma patient presenting as superior vena cava syndrome in a patient suffering from myotonia congenita: A rare case scenario. *Journal of Hematology and Allied Sciences*. 2023 Jul 11;3(1):34-6.
15. Panja A, Das B, Dolai TK, Choudhury SM. The Key Genetic Determinants Behind the Phenotypic Heterogeneity of HbE/ β -thalassemia Patients and the Probable Management Strategy. In *Thalassemia Syndromes-New Insights and Transfusion Modalities 2023* Jul 4. Intech Open.
16. Basu S, Rahaman M, Dolai TK, Shukla PC, Chakravorty N. Understanding the Intricacies of Iron Overload Associated with β -Thalassemia: A Comprehensive Review. *Thalassemia Reports*. 2023 Jul 3;13(3):179-94.
17. Dolai, Tuphan Kanti; Jain, Manisha; Mahapatra, Manoranjan; "Idiopathic Aplastic Anemia: Indian Perspective" *Indian Journal of Hematology and Blood Transfusion*, Vol.-39, (357-370) 2023.
18. Menon, Hari; Singh, Pawan Kumar; Bagal, Bhausheeb; Dolai, Tuptan; Jain, Ankita; Chaudhri, Antara; "Minimal Residual Disease in The Management Of B-Cell Acute Lymphoblastic Leukemia: A Systematic Review of Studies from Indian Settings" *Indian Journal Of Hematology And Blood Transfusion* 11-Jan 2023.
19. Mathews, Vikram; Korula, Anu; Chakrapani, Anupam, Dolai Tuptan Kanti. Management Of B-Cell Lineage Acute Lymphoblastic Leukemia: Expert Opinion from An Indian Panel Via Delphi Consensus Method" *Frontiers in Oncology*, Vol.-13, 2023 .
20. Basu, Subhangi; Rahaman, Motiur; Dolai, Tuptan Kanti; Shukla, Praphulla Chandra; Chakravorty, Nishant; "Understanding the Intricacies of Iron Overload Associated With β -Thalassemia: A Comprehensive Review 2023".
21. Pradhan Sayantan; Hore, Samrat; Roy, Stabak; Manna, Simi; Dam, Paulami; Mondal, Rittick; Ghati, Amit; Biswas, Trishanjan; Sharma, Supriya; Singh, Waikhom Somraj; "Geo-Environmental Factors and the Effectiveness of Mulberry Leaf Extract in Managing Malaria: A Study in Purulia District, West Bengal, India 2023.
22. Panja Amrita; Das, Brahmarshi; Dolai, Tuptan Kanti; Choudhury, Sujata Maiti; "The Key Genetic Determinants Behind the Phenotypic Heterogeneity of HbE/ β -Thalassemia Patients and The Probable Management Strategy 2023".
23. Ghosh Kaustav; Baul Shuvra Neel; Dolai Tuptan Kanti; "Hodgkin Lymphoma Patient Presenting as Superior Vena Cava Syndrome in A Patient Suffering from Myotonia Congenita: A Rare Case Scenario" *Journal of Hematology And Allied Sciences*, Vol.-3, (34-36) 2023.
24. Rajib De., et al. "Adenovirus an Increasing Concern in West Bengal - Manifestation, Detection, Prevention and Treatment". *Acta Scientific* 2023.
25. Seth T, Garg K, Mandal PK, Datta A, Verma S, Hanagavadi S, Thota UR. Cost-effectiveness analysis of low-dose prophylaxis versus on-demand treatment for moderate-to-severe hemophilia A in India. *Hematology*. 2023 Dec 31;28(1):2277497.

26. Mandal PK, Garg M, Chakrabarti P, Bhowmik A, Gantait D, Dolai TK. Bone health assessment in haemophilic arthropathy: A single centre study from Kolkata, West Bengal, India. *The Journal of Haemophilia Practice*.. 2023;8(1):183-8.
27. Baul Shuvra Neel, Mondol Kusumita, Saha Sandeep, Bhakat Biva, Sharma Abhishek, De Rajib, Dolai Tuphan Kanti “Etiological Heterogeneity of Pancytopenia Without Organomegaly and Lymphadenopathy From A Tertiary Care Hematology Centre Of Eastern India:” 6.5 (2023).
28. Sharma P, Naseem S, Varma N, Et Al. Monocyte Distribution Width (MDW) In Patients With COVID-19: An Indicator of Disease Severity [Published Online 2023 May 20]. *Indian J Hematol Blood Transfus*. 2023.
29. Resident Corner: Roy Shipla “Dyskeratosis Congenita in A 6-Year-Old Boy” *J Hematol Allied Sci*,2023.
30. Ghosh K “A Rare Cause of Seizure with Benign Course in A Child” *J Hematol Allied Sci*,2023.
31. Roy S, Ghosh K, Mandal PK “Hematuria in A Young Severe Hemophilia Patient – A Case Report on A Rare Radiological Finding” *J Hematol Allied Sci*,2023.
32. Roy,S “Rare cause of pancytopenia in a 5-year-old boy” *J Hematol Allied Sci* 2023; 3:44-5. Roy S, Ghosh K, Mandal PK. Hematuria in a young severe hemophilia patient – A case report on a rare radiological finding. *J Hematol Allied Sci*, doi: 10.25259/JHAS_17_2023
33. Roy S. Rare cause of pancytopenia in a 5-year-old boy. *J Hematol Allied Sci* 2023; 3: 44-5.
34. Ghosh K, Baul SN, Dolai TK “Hodgkin Lymphoma Patient Presenting as Superior Vena Cava Syndrome in A Patient Suffering from Myotonia Congenita: A Rare Case Scenario” *J Hematol Allied Sci* 2023; 3:34-6.
35. Ghosh, Kaustav; Sanyal, Chirasree; Mandal, Prakas Kumar. Anaplastic Lymphoma Kinase Positive Large B-Cell Lymphoma Mimicking as Plasma Cell Neoplasm: A Rare Case Report. *Journal of Applied Hematology* 14(3) :P 252-254, Jul–Sep 2023
36. Seth T, Garg K, Mandal PK, Datta A, Verma S, Hanagavadi S, Thota UR. Cost-effectiveness analysis of low-dose prophylaxis versus on-demand treatment for moderate-to-severe hemophilia A in India. *Hematology*. 2023 Dec 31;28(1):2277497.
37. Acute-onset muscle weakness in acute leukemia: A common but often missed cause. *J Hematol Allied Sci*. 2023; 3:166-7. doi: 10.25259/JHAS_38_2023.

Book Chapter Written

1. Management of Acute Myeloid Leukemia (Chapter-10). Tuphan Kanti Dolai, Kaustav Ghosh. *ICH-ICP Monogram on Recent advances in Haematological Malignancy*. Published in the year 2024, APICON 2024, New Delhi.
2. High Grade Non-Hodgkin Lymphoma: Diagnosis and Treatment (Chapter-14). Tuphan Kanti Dolai, Prakash Singh Shekhawat, Malini. *ICH-ICP Monogram on Recent advances in Haematological Malignancy*. Published in the year 2024, APICON 2024, New Delhi.
3. Management of Anaemia in the Elderly (Chapter-12). Tuphan Kanti Dolai, Prakash Singh Shekhawat. *Indian College Haematology Nutritional Anaemias in India*. Published by ISHBT in the year 2024.
4. *Haematological Malignancies*: Rajib De, Avriti Baveja; 2024.
5. *Approach To Pancytopenia*. Tuphan Kanti Dolai, API Annual Book 2023.

6. National Guidelines on Management and Control of Sickle Cell Disease Indian College of Hematology (ICH) The Academic Wing of Indian Society of Hematology & Blood Transfusion, Indian Council of Medical Research 2023 (ICMR): Tuphan Kanti Dolai and others.
7. National Health Mission Manual on Standard Operating Procedures (SOP), Haemoglobinopathies Control Programme: Abhishek Sharma, Sandeep Saha, Prakas Kumar Mandal, Rajib De, Tuphan Kanti Dolai, November 2023.
8. Bone Marrow Transplantation in Haematological Malignancies: ICH-ICPE Monogram on.
9. Basic Of Flow Cytometry: Antibodies and Fluorochromes: Abhishek Sharma, PGI Textbook of Laboratory and Clinical Hematology 2023.
10. Collection Of Blood and Smear Preparation: Abhishek Sharma, PGI Textbook of Laboratory and Clinical Hematology 2023.
11. Coagulometer Analyzer and Their Principals: Abhishek Sharma, PGI Textbook of Laboratory and Clinical Hematology 2023.

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

- i) Diffuse Large B Cell Lymphoma Update - 18th May 2024
- ii) Eastern India Blood Bone Marrow and Cellular Therapy on 27th July, 2024
- iii) National Coagulation Conclave 2024 dated 21st and 22nd June 2024.

Achievement by the Students

Dr. Chirasree Sanyal

1. Oral Presentation : 1st Prize BESHCON 2023
2. Oral Presentation : 2nd Prize EHA 2024
3. Oral Presentation : 1st Prize APIWBCON Award Paper Presentation 2024
4. Oral Presentation : 2nd Prize HEMATOCON 2024
5. Zonal Hematology ISHBT QUIZ Competition, Kolkata 2024 : 1st Prize.

Dr. Kaustav Ghosh

1. 1st Prize Oral Presentation, Chhatisgarh Hematology Update EHG 2024
2. 1st Prize QUIZ Competition, Varanasi Hematology Update 2024
3. 1st Prize Zonal Hematology ISHBT QUIZ Competition, Kolkata 2024
4. 3rd Prize QUIZ Competition, EIBMCT Meet 2024
5. ISHBT DM/DrNB Best Hematology Student Award for Publications, HAEMATOCON 2024
6. Dr. J.C. Patel Best Paper Award, HAEMATOCON 2024

Achievement by the Faculty Members

Dr. Tuphan Kanti Dolai

1. Organizing Secretary of DLBCL Update - 2024.
2. Organizing Secretary of National Coagulation Conclave 21st and 22nd June 2024 .
3. Delivered 30 Lectures as Faculty in Different National and International Meeting During the Last 1 Year.

Dr. Rajib De

1. Organizing Secretary of EIBMCT 2024
2. Fellow of Indian College of Haematology (ISHBT Nov.2023)
3. Selected in the Post of 'Executive Committee Member' In the Indian Society of Haematology and Blood Transfusion

Dr. Shipla Roy

1. Gold Medal Award in DM Clinical Hematology University Examination
2. ISHBT DM/DrNB Best Dissertation Award 2, HAEMATOCON 2024.

Oral Presentations

1. Dr. Kaustav Ghosh : Outcome of low dose azacitidine in patients of lower risk myelodysplastic syndromes, HAEMATOCON 2024
2. Dr. Kaustav Ghosh : Childhood Langerhans cell histiocytosis: Experience from a tertiary care hospital in Eastern India, HAEMATOCON 2024
3. Dr. Kaustav Ghosh : A Study on Outcome of Low Dose Azacytidine in Patients of Lower Risk Myelodysplastic Syndromes(J.C Patel award paper presentation – 2024; Haematocon 2024)
4. Dr. Chirasree Sanyal : Outcome Assessment of Phenotypic Matched Packed Red Blood Cell (PRBC) Transfusion in Thalassemia Patients, in Relation to alloantibody, autoantibody Formation and Transfusion Requirement. Haematocon 2024.
5. Dr. Chirasree Sanyal : Journey of E-Beta Thalassemia with thalidomide : safety , efficacy and tolerability. Haematocon 2024.
6. Dr. Chirasree Sanyal : Prenatal Diagnosis Addressing The Unmet Needs In Thalassemia: A Decade of Experience From A Tertiary Medical Care Centre In West Bengal(J.C Patel award paper presentation – 2023, Haematocon 2023)
7. Dr Subhra Kamal Saha : Acute Promyelocytic Leukemia : Clinic-Pathological Analysis And Short Term Treatment Outcome In A Tertiary Care Hospital In Eastern India. Haematocon 2024.
8. Dr Pratibha Singh : Clinical Experience and short term Outcome of AML at a Tertiary Care Centre in Eastern India. Haematocon 2024.

Poster Presentation

Dr. Kaustav Ghosh

1. Acute leukemias in the background of neurocutaneous syndromes. Haematocon 2024.
2. Acute myeloid leukemias with osteopetrosis- a rare report of two case. Haematocon 2024.
3. A Study on Outcome of Low Dose Azacytidine in Patients of Lower Risk Myelodysplastic Syndromes. Haematocon 2024.

Dr. Chirasree Sanyal

1. Outcome Assessment of Phenotype Matched Packed Red Blood Cell (PRBC) Transfusion in Thalassemia Patients, in Relation to alloantibody, autoantibody Formation and Transfusion Requirement. Haematocon 2024.
2. Dr. Pratibha Singh : Acquired Hemophilia- A Hematologist's nightmare Myeloids the masqueraders . Haematocon 2024.

3. Subhra Kamal Saha : A Rare Presentation Of ALL , As Paraparesis. Haematocon 2024.

Ongoing Projects

1. Optimization of Available Infrastructure and Resources for the Management of Childhood Acute Lymphoblastic Leukaemia Treated with FISH & Minimal Residual Disease based Dynamic Risk Stratified ICiCLe Protocol (ICMR approved- 2023) [PI -Dr Rajib De, Co-PI-Dr Tuphan Kanti Dolai].
2. A Geographical Information System Based Analysis Of Leukemia Registry Data in West Bengal". DST-BT, West Bengal [PI- Dr. Prakas Kumar Mandal]
3. Clinical Studies to Investigate Citrate-Functionalized Tri-Manganese Tetroxide Nanoparticles for Its Bilirubin Reduction Properties for Risk of Severe Neonatal Hyperbilirubinemia as a Part of ICMR Sponsored Project IIRP-2023-7842. [PI -Dr Asim Mallick, Co-PI-Dr Tuphan Kanti Dolai].

Ongoing Clinical Trials

1. 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]
2. A Phase III 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]
3. A Randomised Open - Label, Phase III 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]
4. Safety And Efficacy Study of Azadine® (Azacitidine) In Treatment of Myelodysplastic Syndrome in Indian Patients. [PI: Dr Tuphan Kanti Dolai]
5. 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]
6. A Multicentre, 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 Leukaemia (CML) In The Chronic Phase (CP) Resistant To Imatinib At Daily Doses Of 400 Or 600 mg" [PI- Dr Tuphan Kanti Dolai]
7. A Phase IV Study to Evaluate Safety and Effectiveness of Luspatercept (Ace-536) For the Treatment of Anaemia Due To IPSS-R Very Low, Low, Or Intermediate Risk Myelodysplastic Syndromes (MDS) With Ring Sideroblasts Who Require Red Blood Cell Transfusions in Subjects Who Have Had Unsatisfactory Response to or Are Ineligible to Erythropoietin Based Therapy and in Subjects with Transfusion Dependent Anaemia Due to Beta-Thalassemia [PI- Dr Tuphan Kanti Dolai]
8. A Prospective, Nonrandomized, Open Label, Single Arm, Multicenter, Phase III Clinical Study to Evaluate the Efficacy and Safety of Human Normal Immunoglobulin for Intravenous Administration in Adult Patients with Chronic Primary Immune Thrombocytopenia. [PI- Dr Tuphan Kanti Dolai]
9. A Randomized, Open-Label, Three-Treatment, Three-Arm, Three-Period, Single-Dose, Multi-Center, Cross-Over Study to Assess Bioequivalence of Azacitidine Tablets of Intas Pharmaceuticals Ltd., India Compared with Onureg™ Under Fasting Condition in Patients with Acute Myeloid Leukaemia in Remission Phase. [PI- Dr Tuphan Kanti Dolai].

Medicine

FACULTY MEMBERS

PROFESSORS

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

ASSOCIATE PROFESSOR : Dr. Arnab Banerjee

ASSISTANT PROFESSORS

Dr. Sahid Imam Mallick, Dr. Sanjay Sarkar, Dr. Souvonik Mandal, Dr. Apurba Bikash Pramanick,
Dr. Souren Pal, Dr. Angan Karmakar, Dr. Badal Kumar Sahu

RMO CUM CLINICAL TUTOR

Dr. Sourav Pradhan, Dr. Amit Kumar Das, Dr. Amanul Haque, Dr. Sandip Tudu

SENIOR RESIDENTS : Dr. Souvik Kumar Das

POST GRADUATE TRAINEES (1st Year)

Dr. Subhajit Das, Dr. Aminul Ahsan, Dr. Jyotirmoy Mondal, Dr. Tushar Modak, Dr. Suman Kalyan Mishra,
Dr. Kush Awasthi, Dr. Kashmira Bose, Dr. Amit Kumar Kundu, Dr. Soham Syed, Dr. Selina Mostafi,
Dr. Shamshad Alam, Dr. Kanchan Baran Baske

POST GRADUATE TRAINEES (2nd Year)

Dr. Sweta Samanta, Dr. Ankita Mondal, Dr. Wasim Akram, Dr. Yajesh Gioya Doni, Dr. Imran Shaikh,
Dr. Shoumik Das, Dr. Pratyay Das, Dr. Paramananda Dolai, Dr. Anurag Ghosh, Dr. Partha Naskar,
Dr. Arpan Basak

POST GRADUATE TRAINEES (3rd 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

NON - TEACHING STAFF

GROUP C : Mrinal Kanti Sarkar

GDA : Mr. Prasanta Dolui, Smt. Lakshmi Das

Dissertations

Current Problems Research Works by MD Medicine PGTs

1. **Dr. Sweta Samanta** : A Descriptive Cross Sectional Study on Relationship between Vitamin D3 and Glycated Hemoglobin Level amongst Type 2 Diabetes Mellitus Patients in a Medical College of Kolkata
2. **Dr. Ankita Mondal** : Magnitude of Cirrhotic Cardiomyopathy in Cirrhosis of Liver Patients of various Etiologies and It's correlation with Hepato Renal Syndrome
3. **Dr. Wasim Akram** : A Cross Sectional Study on Magnitude of Fibromyalgia in Rheumatoid Arthritis and Systemic Lupus Erythematosus Patients in a Medical College of Kolkata
4. **Dr. Yajesh Gioya Doni** : A cross sectional study to compare vitamin D3 levels with severity of chronic liver disease patients according to child pugh score in a medical college and hospital of kolkata

5. **Dr. Imran Shaikh** : A Cross Sectional Study on Serum CRP and Serum Procalcitonin Level Estimation in Meningitis Patients and its Relation to Meningitis of Different Etiologies
6. **Dr. Shoumik Das** : A Cross-Sectional Study on Magnitude of Microalbuminuria in Nondiabetic Hypertensive Adult Hemorrhagic Stroke Patients
7. **Dr. Pratyay Das** : Observation and Comparison of Findings of Fibroscan, Variceal Size on Endoscopy and Fibrosis-4 Index in Patients of Alcoholic Liver Disease and Non-alcoholic Fatty Liver Disease
8. **Dr. Paramananda Dolai** : A cross sectional study on iron profile in heart failure patients admitted in a tertiary care hospital, kolkata.
9. **Dr. Anurag Ghosh** : A Cross Sectional Survey Comparing Aspartate Aminotransferase to Platelet Ratio Index as A Non-invasive Predictor of Fibrosis in Chronic Liver Disease with Liver Elastography
10. **Dr. Partha Naskar** : Clinico-epidemiological profile of emergency medical problems among obese patients in a tertiary care hospital."
11. **Dr. Arpan Basak** : A cross sectional study on association between chronic proton pump inhibitor use and serum magnesium level

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 , reduced to 10 seats for the academic year of 2025-2026.

Publications

1. Amanul Haque , Sanjay Sarkar , Seema Mondal , Ruplekha Mitra Mustaphi Assessment of prognostic ability of intracerebral hemorrhage score with special reference to a tribal population Asian Journal of Medical Sciences | Aug 2023 | Vol 14 | Issue 8
2. Debasish Das, Amit Kumar Das, Shaikat Mondal, Himel Mondal , Rabindranath Majumder. Respiratory Exchange Ratio in Obese and Non- obese Sedentary Indian Young Adults in Moderate- and Vigorous-intensity Exercise. Physiology and Pharmacology 27 (2023) 16-27 | 17
3. Pallabi R. Chaudhuri, Biswas Uttam , Dey Asim K., Chakraborty Milan Bilateral Glaucoma in a Rare Case of Overlapping Sturge Weber Syndrome and Klippel-Trenaunay Syndrome TNOA Journal of Ophthalmic Science and Research | Volume 62 | Issue 1 | January-March 2024
4. Mondal R, Guha Banerjee S, Bandyopadhyaya U, Sinha A, Sinha A. Study of clinical and bio chemical profile of Scrub typhus in a tertiary care hospital of West Bengal. AJMS, 2023, 14(7), 93-98
5. Souvik Sarkar , Soumya Sarathi Mondal , Enamul Hossain , Souvik Kumar Das , Rahul Kumar , Sanjay Kumar Mandal The clinical biochemical and hematological profile of scrub typhus meningoencephalitis Asian Journal of Medical Sciences | Dec 2023 | Vol 14 | Issue 12
6. Amanul Haque , Sanjay Sarkar , Seema Mondal , Ruplekha Mitra Mustaphi. Assessment of prognostic ability of intracerebral hemorrhage score with special reference to a tribal population. Asian Journal of Medical Sciences | Aug 2023 | Vol 14 | Issue 8. 211-216
7. Abhijit Nandi , Sanjay Sarkar , Seema Mondal , Sarmishtha Saha. Efficacy of tolvaptan in reduction of kidney cyst volume and restoration of kidney function in ADPKD in tertiary care hospital. Asian Journal of Medical Sciences | Jan 2023 | Vol 14 | Issue 1. 1-9
8. Soumen Chakraborty, , Satish Reddy Satty, Badal Kumar Sahu, Soumya Ray Resurgence of orbital mucormycosis during COVID-19 pandemic: Study from a tertiary care center in Eastern India, Taiwan J Ophthalmol - Volume XX, Issue XX, Month 2024
9. Tiash Samanta, Satyendra Nath Saha, Moumita Sen, Arunima Chaudhuri, Badal Kumar Sahu A cross-sectional study on the etiological spectrum and morbidity profile among geriatric patients: A hospital-based study, ASIAN JOURNAL OF MEDICAL SCIENCES, Jan 2024 | Vol 15 | Issue 1

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) Lupus meet 2024. SLE quiz 1st prize (Tejsuvra Chaudhury, Rajat Kumar Sadhukhan)

ii) WBBIRA annual conference , 2024. Rheumatology Quiz 2nd Prize (Rajat Kumar Sadhukhan, Tejsuvra Chaudhury)

iii) National Conference on Clinical Diabetes , 2024. Diabetes Quiz 1st prize (Tejsuvra Chaudhury, Rajat Kumar Sadhukhan, Snehasish Paul)

iv) WBBIRA mid term conference , 2024. Poster presentation 3rd prize - Tejsuvra Chaudhury

v) 2nd Runner Up in WBBIRA conference February 2024 Case Platform Presentation (Anurag Ghosh)

vi) 2nd in SD Deodhar Postgraduate Rheumatology Quiz 2024(Regional Round) - Anurag Ghosh, Wasim Akram

vii) 1st in ISHBT National Hematology Quiz 2024 (College Round)- Ankita Mondal, Sweta Samanta, Anurag Ghosh

viii) E-poster presentation at HOPECON 2023- Anurag Ghosh, Ankita Mondal

ix) 1st runner up in poster presentation in VIMS - Sweta Samanta

x) Poster presentation in API, SPEEDCON, New Delhi, HOPECON 2023 - Sweta Samanta

xi) Platform presentation in Deans place meet, API - Ankita Mondal

xii) Paper publication in Bengal Physician Journal- Ankita Mondal

Result of all The Examinations of last One Year :

i) MD - All Students Passed in 1st Attempt.

ii) MBBS - All Students Passed in 1st 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.

Microbiology

FACULTY MEMBERS

PROFESSORS

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

ASSOCIATE PROFESSORS

Dr Purnima Mondal, Dr Ranjan Basu

ASSISTANT PROFESSORS

Dr Somanjana Ghosh, Dr Somnath Bhunia

DEMONSTRATOR

Dr Senjuti Basu

SENIOR RESIDENT

Dr Sonia Deb

POST GRADUATE TRAINEES (3rd Year)

Dr Suman Kundu, Dr Aritri Mondal, Dr Tanvi Mallik

POST GRADUATE TRAINEES (2nd Year)

Dr Ankita Banik, Dr Adrija Debnath, Dr Ankita Das

POST GRADUATE TRAINEES (1st Year)

Dr Sayan Mandal, Dr Mintu Biswas, Dr Prasenjit Jana

NON - TEACHING STAFF

MT (LAB)

Mr Nitish Mondal, Mr Siddharta Sankar Das, Mr Arnab Deb, Ms Piyali Bose,
Mr Chandan Deb (Store Keeper), Ms Sahina Khatun, Ms Maya Halder, Mr Sankar Maity (ICTC),
Ms Nandini Singha Roy (ICTC)

ICTC, COUNSELLOR

Ms Shakuntala Biswas, Ms Briti Makar, Ms Moumita Mukherjee

EXECUTIVE ASSISTANT, IDSP : Mr Debashish Saha

GROUP D STAFF : Mr Joydeb Roy, Mr Sukanta Roy, Smt Bina Turi

CONTRACTUAL STAFF INVOLVED IN COVID LAB

Ms. Naureen Nahar Hossain (Molecular Biologist), Dr. Arup Kr Pattanayak (Molecular Biologist),
Mr. Amit Kumar Patra (MT lab), Mrs. Jhilik Saha (MT Lab), Mr. Rajib Dutta (MT Lab),
Mr. Alamgir Baidya (Data Entry Operator)

Dissertations in last Three Year

1. **Dr. Suman Kundu** : A study on Dengue serotypes and atypical manifestations of Dengue infection in patients attending a Medical College, Kolkata, West Bengal
2. **Dr. Aritri Mondal** : Profile of Candida species causing neonatal candidemia along with drug sensitivity pattern in a medical college in Kolkata, West Bengal

3. **Dr. Tanvi Mallik** : A study on Multidrug resistant (MDR) and Extensively Drug Resistant (XDR) Gram negative Bacilli isolated from patients with urinary tract infection
4. **Dr. Ankita Banik** : Assessment of Bacterial Profile and Antibiotic Susceptibility Pattern of Surgical Site Infections (SSI): An Observational Cross Sectional Study in a Tertiary Care Hospital, West Bengal
5. **Dr. Adrija Debnath** : A study of fungal aetiology of Rhino sinusitis with special reference to samples from Functional Endoscopic Sinus Surgeries (FESS) in a tertiary care hospital in Kolkata, West Bengal
6. **Dr. Ankita Das** : Seroprevalence of Hepatitis A and Hepatitis E virus with special reference to derangement of liver enzymes in patients of Acute Viral Hepatitis in Kolkata
7. **Dr. Sayan Mandal** : Bacteriological Profile And Antibiotic Susceptibility Pattern Of Blood Stream Infection In Adults: A Descriptive Cross-Sectional Study
8. **Dr. Mintu Biswas** : Non-Dermatophyte Fungal Infection Of Skin, Hair, Nail And Appendages In A Tertiary Care Hospital
9. **Dr. Prasenjit Jana** : Magnitude Of Intestinal Parasitic Infection In Diarrhoea And Dysentery Among Adult Patients: Cross –Sectional Observational Study in a Tertiary Care Hospital

Publications

1. Kundu S, Mondal P, Choudhury K, Sinha A, Ganguly Bhattacharjee S, Dey JB. A clinic-epidemiological study of serologically diagnosed acute febrile illness in a teaching hospital, Kolkata. J Family Med Prim Care. 2024. [Accepted on 15.04.2024]
2. Chakraborty S, Bala SD, Bhattacharjee SG, Konar J. A cross sectional study to estimate the magnitude of transmissible infections among the blood donors of blood bank associated with a tertiary care pediatric hospital in Eastern India. J, Journal of Population Therapeutics and Clinical Pharmacology. 2024;31(7):1494-8.
3. Basu, R., Mondal, P., Bhunia, S., Dey, J. B., Mondal, A., Debnath, A. Prevalence of Onychomycosis by Non Dermatophyte Molds in a Tertiary Care Hospital in Kolkata, West Bengal, India. Afro-Egyptian Journal of Infectious and Endemic Diseases, 2024; 14(3): 298-308. doi: 10.21608/aeji.2024.288861.1384.
4. Banik A, Halder S, Kundu S, Bhunia S, Behera KK, Roy C, Bhattacharjee SG, Dey JB. A Study on ClinicoDemographic and Microbiological Profile of Surgical Site Infection (SSI) in a Tertiary Care Hospital, Kolkata: An Alarming Trend. Indian J Microbiol Res 2024;11(1).
5. Choudhury K, Kundu S, Bhunia S, Mallick T, Ganguly Bhattacharjee S, Dey JB. A Study on the magnitude of Non-fermenter Gram Negative Bacilli and their Antibiotic Susceptibility Pattern in Clinical Samples from a Tertiary Care Hospital, Kolkata. J Compr Health 2024; 12: 39 – 43.
6. Mullick S, Bhunia S, Kundu S, Ganguly Bhattacharjee S. Microbiological profile and antimicrobial susceptibility patterns of blood stream infections in febrile neutropenic patients with hematological malignancies in a tertiary care hospital, Kolkata. IP Int J Med Microbiol Trop Dis. 2024;10(2):161-168.
7. Banik A, Kundu S, Bhunia S, Ganguly Bhattacharjee S, Dey JB. A study on clinico-demographic and microbiological profile of surgical site infection (SSI) in a tertiary care hospital, Kolkata: An alarming trend. Indian J Microbiol Res 2024;11(1):25-33.
8. Hakim B, Bhunia S, Dutta O, Sarkar MN, Mallick T, Kundu S, Achar A. Leprosy patterns and challenges for a leprosy free India: A retrospective study. IP Indian J Clin Exp Dermatol 2024;10(2):155-158.

9. Palmal S,§ Chakraborty S, Ganguly S, Kundu S, Dey JB, Pramanik K, and Pattanayak AK. Study of Hepatic Dysfunction Associated with Dengue Epidemiology in a Tertiary Care Hospital, Kolkata. ACS Omega 2023; 8, 6632 – 6637.
10. Ballov R, Pathak M, Dey JB, Patra SK, Chakraborty S. A Microbiological Study on Abrupt Rise of Mucormycosis Cases in the Backdrop of Covid-19 in a Tertiary Care Hospital in West Bengal. Age.;50(21):42.
11. Saha S, Patra SK, Pathak M, Dey JB, Ghosh T, Chakraborty S. Rapid immunochromatographic test: An evolving tool for diagnosis of scrub typhus. Asian Journal of Medical Sciences. 2023 Dec 1;14(12).
12. Choudhury K, Basu S, Ganguly Bhattacharjee S, Sikdar S, Deb S, Tabassum N. Surgical site infection: Clinico-bacteriological profile and antibiogram in a tertiary care hospital in Kolkata. Panacea J Med Sci 2023; 13(2): 299 – 304.

Achievement by Faculty Members

1. Ethics Review of Health Research by NIE, ICMR e-certificate course September 2024- Prof. (Dr.) Swagata Ganguly Bhattacharjee
2. Good Clinical Laboratory Practice Training Program. Institute of Health and Family Welfare, Government of West Bengal: Kolkata, West Bengal. April 2024- Prof. (Dr.) Swagata Ganguly Bhattacharjee
3. Lead Implementer Training and Assessment in ISO 15189 2022, QGlobal management Consultants (P) Ltd: Trivandrum, Kerala - Prof. (Dr.) Swagata Ganguly Bhattacharjee
4. Lead Implementer Training and Assessment in ISO 15189 2022, QGlobal management Consultants (P) Ltd: Trivandrum, Kerala – Dr. Somnath Bhunia
5. Received “Reviewer Certificate of appreciation” IAMM MICROCON 2023: KGMU, Lucknow
6. Good Clinical Practice Training Program. Institute of Health and Family Welfare, Government of West Bengal: Kolkata, West Bengal. August 2023 Prof. (Dr.) Swagata Ganguly Bhattacharjee
7. Good Clinical Practice Training Program. Institute of Health and Family Welfare, Government of West Bengal: Kolkata, West Bengal. August 2023 Dr. Ranjan Basu, Associate Professor
8. Good Clinical Laboratory Practice Training Program. Institute of Health and Family Welfare, Government of West Bengal : Kolkata, West Bengal. April 2024, Dr. Somnath Bhunia, Assistant Professor
9. Good Clinical Practice Training Program. Institute of Health and Family Welfare, Government of West Bengal: Kolkata, West Bengal. August 2023, Dr. Somnath Bhunia, Assistant Professor
10. Good Clinical Laboratory Practice Training Program. Institute of Health and Family Welfare, Government of West Bengal: Kolkata, West Bengal. April 2024, Dr. Sonia Deb
11. Curriculum Implementation Support Programme, NMC RCMET, Andhra medical College: Visakhapatnam, Andhra Pradesh, April 2024. -Prof. (Dr.) Swagata Ganguly Bhattacharjee
12. Basic Course in Medical Education NMC Regional Centre Andhra Medical College: Visakhapatnam, Andhra Pradesh, December 2023. -Prof. (Dr.) Swagata Ganguly Bhattacharjee
13. Basic Course in Medical Education at NRSMC, Kolkata. February 2024– Dr. Somnath Bhunia
14. Project sanctioned by Committee of Research Promotion, Nil Ratan Sircar Medical College on “Molecular diagnosis of Scrub typhus and Leptospirosis to overcome the fallacy of misdiagnosis by serological assay in a tertiary care hospital, Kolkata” PI: Prof. (Dr) Jayanta Bikash Dey

15. Ongoing Project sanctioned by NHM, Government of West Bengal on "A study on the outcome of dengue patients in correlation with NS1 antigen, viral load, serotype, dengue IgG with other laboratory and clinical parameters in north 24 parganas, Nadia and NRS Medical College & Hospital, Kolkata" PI : Prof. (Dr.) Swagata Ganguly Bhattacharjee
16. Project sanctioned by Multi Disciplinary Research Unit, NRS Medical College, "Role of Biomarkers in sepsis due to Carbapenemase producing and Carbapenemase non-producing bacteria, PI: Dr Somnath Bhunia
17. Prof. (Dr.) Swagata Ganguly Bhattacharjee is nominated as DBT representative in the IBSC OF SCHOOL OF TROPICAL MEDICINE(SCHTROPMED-1252), Kolkata .
18. Prof. (Dr.) Swagata Ganguly Bhattacharjee selected member of Infection Control Academy of India (IFCAI)
19. Prof. (Dr.) Swagata Ganguly Bhattacharjee, Dr Ranjan Basu & Dr Somnath Bhunia attended "Good Clinical Practice Training program" held by the Institute of Health & Family Welfare, Government of West Bengal, Swasthya Bhawan, Kolkata on 25th August 2023.
20. Prof. (Dr.) Swagata Ganguly Bhattacharjee participated in the NPTEL Online Certification Course on One Health funded by the MoE, Government of India organized by ICMR RMRCBB & IIT Madras, January-April 2023.
21. Prof. (Dr.) Swagata Ganguly Bhattacharjee participated in the NPTEL-AICTE Faculty Development Program on One Health funded by the MoE, Government of India organized by IIT Madras, January-April 2023

Conference and CME Program Arranged by the Department

1. NABL Accreditation of ICTC NRSMCH on 29 July 2024.
2. IAMM (WB Chapter) monthly meeting was held in the Department of Microbiology, NRSMC in the month of November 2023. Dr Tanvi Mallick presented paper on "Leprosy free India with zero infection and disease- can we?"
3. Infection control training program for staff and paramedical workers in April 2024.

Achievement by Post Graduate Trainees

Dr. Suman Kundu

Completed "Good Clinical Laboratory Practice Training Program" Institute of Health and Family Welfare, Government of West Bengal: Kolkata, April 2024

Completed "Good Clinical Practice Training Program" at Institute of Health and Family Welfare, Government of West Bengal: Kolkata, December 2023

Dr. Aritri Mondal

Completed "Good Clinical Practice Training Program" at Institute of Health and Family Welfare, Government of West Bengal: Kolkata, 2023

Dr Tanvi Mallick

Completed "Good Clinical Laboratory Practice Training Program". Institute of Health and Family Welfare, Government of West Bengal: Kolkata, West Bengal. April 2024

Completed "Good Clinical Practice Training Program" at Institute of Health and Family Welfare, Kolkata Government of West Bengal, June 2024

Dr. Ankita Banik

IAMM 47th National Conference, MICROCON, November'24 in Pune. Oral Paper presentation entitled "Magnitude of Vancomycin Resistant Enterococcus (VRE) and Methicillin Resistant Staphylococcus aureus (MRSA) in a Tertiary Care Hospital, Kolkata."

Completed "Good Clinical Practice Training Program". Institute of Health and Family Welfare, Government of West Bengal: Kolkata, West Bengal. July 2024

Completed "Good Clinical Laboratory Practice Training Program". Institute of Health and Family Welfare, Government of West Bengal: Kolkata, West Bengal. May 2024.

Dr. Adrija Debnath

IAMM 47th National Conference, MICROCON, November'24 in Pune. Oral presentation entitled "Spectrum of Fungi Producing Chromoblastomycosis and Phaeohyphomycosis in a Tertiary Care Hospital

Completed "Good Clinical Practice Training Program". Institute of Health and Family Welfare, Government of West Bengal: Kolkata, West Bengal. August 2024

Dr. Ankita Das

IAMM 47th National Conference, MICROCON, November'24 in Pune- Poster presentation entitled "Fungi Isolated from Broncho Alveolar Lavage fluid of suspected cases of Lung Tumor Patients Admitted in Tertiary care Hospital"

Completed "Good Clinical Practice Training Program". Institute of Health and Family Welfare, Government of West Bengal: Kolkata, West Bengal. August 2024

Completed "Good Clinical Laboratory Practice Training Program". Institute of Health and Family Welfare, Government of West Bengal: Kolkata, West Bengal. May 2024.

Dr. Sayan Mandal

Completed "Good Clinical Practice Training Program". Institute of Health and Family Welfare, Government of West Bengal: Kolkata, West Bengal. July 2024

Dr. Mintu Biswas

Completed "Good Clinical Practice Training Program". Institute of Health and Family Welfare, Government of West Bengal: Kolkata, West Bengal. July 2024

Dr. Prasenjit Jana

Completed "Good Clinical Practice Training Program". Institute of Health and Family Welfare, Government of West Bengal: Kolkata, West Bengal. July 2024

Nephrology

FACULTY MEMBERS

PROFESSOR

Prof. (Dr.) Pinaki Mukhopadhyay - HOD

ASSOCIATE PROFESSOR

Dr. Avisek Maity

CLINICAL TUTOR CUM DEMONSTRATOR

Dr. Kity Sarkar, Dr. Barun Malik

TUTOR

Dr. Rubaiya Sahani

SENIOR RESIDENT

Dr. Arindam Kargupta, Dr. Muhaiminul Islam Khan

POST GRADUATE TRAINEES (3rd Year)

Dr. Deep Mukhopadhyay, Dr. Kaushik Mondal, Dr. Patel Archita Ben Ramabhai, Dr. Smith Nath,
Dr. Atin Maity, Dr. Somnath Dasgupta, Dr. Subhadeep Basu, Dr. Singh Dharendra Tej Pratap,
Dr. Dibyajyoti Karmakar

NON - TEACHING STAFF

MEDICAL TECHNOLOGISTS (DIALYSIS)

Alok Mondal, Ram Hari Dalai, Sk Sukuruddin, Raju Dhara, Subrata Karan,
Somnath Dhali, Subhankar Das, Sumashree Tarafder, Bishnu Das,
Pritam Bhattacharya, Santu Kumar Dhara

SISTER-IN-CHARGE

Jayita Mitra, Krishna Munshi

STAFF NURSE

Sudipta Sengupta, Rakhi Sarkar, Rupalika Chakraborty, Sudipta Dutta, Ria Samanta, Mampi Hazra,
Moumita Roy, Sangita Dhara, Swagata Das, Manashi Purkait, Sima Maiti,
Madhumita Mandal, Dora Das, Moumita Maity

P. D. T (Last 3 years)

Dr. Deep Mukhopadhyay, Dr. Kaushik Mondal, Dr. Patel Archita Ben Ramabhai,
Dr. Smith Nath, Dr. Atin Maity, Dr. Somnath Dasgupta, Dr. Subhadeep Basu,
Dr. Singh Dharendra Tej Pratap, Dr. Dibyajyoti Karmakar

Dissertations in last Three Year

1. An Open Label Study To Compare Haemoperfusion and Conventional Therapy in Cute Paraquat Poisoning with Acute Kidney Injury” - Dr. Amlan Kanti Biswas
2. “A Randomized Open Label Study to Evaluate the Effect of Dapagliflozin in Patients with Non-Diabetic Proteinuric Chronic Kidney Disease” - Dr. Muhaiminul Islam Khan
3. “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

4. "A Study to Evaluate the Correlation Between Serological Profile and Histopathology of Lupus Nephritis" - Dr. Deep Mukhopadhyay. 3rd Year PDT.
5. "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. 3rd Year PDT.
6. "Comparative Study Between Modified Ponticelli Regimen and Combination Therapy with Rituximab, low Dose Cyclophosphamide and Steroid for Idiopathic Membranous Nephropathy"- Dr. Patel Architaben Ramanbhai. 3rd Year PDT.
7. "A Randomized Controlled Trial Between Prednisolone Monotherapy Versus Low Dose Prednisolone and Rituximab Therapy in Focal Segmental Glomerulosclerosis and Minimal Change Disease." - Dr. Somnath Dasgupta. 2nd Year PDT.
8. "Comparison of Health Status with EUROQoL-5 Dimension Between Modified Ponticelli Regimen and Combination Therapy with Rituximab, Low Dose Cyclophosphamide and Steroid in Idiopathic Membranous Nephropathy."- Dr. Atin Maity, 2nd Year PDT.
9. "Effect of Low Dose Rivaroxaban on Cardiovascular Outcomes in Patients with Advanced Chronic Kidney Disease"- Dr. Smith Nath, 2nd Year PDT.
10. "Incidence of Infection and its Outcome in Patients of Kidney Disease Receiving Immunosuppressive Therapy in a Tertiary Care Hospital."- Dr. Singh Dharendra Tejpratap, 1st Year PDT.
11. "outcome of IGA Nephropathy with MMF Plus Low Dose Prednisolone Vs Oral Budesonide" - Dr. Subhadeep Basu, 1st Year PDT.
12. "Comparison of Mortality and Morbidity in Elderly and Young in Community Acquired Acute Kidney Injury and Hospital Acquired Acute Kidney Injury"- Dr. Dibyajyoti Karmakar. 1st Year PDT.

Publications

Dr. Pinaki Mukhopadhyay

P.Mukhopadhyay, SishirGang, PrakashKhetan, 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)

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.

Dhananjai Agrawal, Deepak Varade, P. Mukhopadhyay, Hardik Shah, Alam Nzar, Jaykumar Krishnan, Vineet Shukla, Chinta Ramkrishna ,Mahel Chinthana, Bandra Galahityawa, Siddharth B. Mavani, Sunil Rajnna, 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).

Dr. Avisek Maity

Avisek Maity¹, A.K maity² "Association of serum leptin and coronary artery calcification in end stage renal disease patients on dialysis" .Department of Nephrology and Cardiology, Mercy Hospital Kolkata, India, Annals of international medical and dental research, Vol (5), Issue (3), May-June 2019.

Avishek Maity¹, A.K. Maity² "Association of calcium phosphorus product and coronary artery calcification in end stage renal disease patients on dialysis" Department of Nephrology and Cardiology, Mercy Hospital Kolkata, India . Annals of international medical and dental research, Vol (5), Issue(3) March-April, 2019.

Avishek Maity, Ajay Kumar Sowthiri "Association between uric acid and cognitive function in maintenance hemodialysis patient. Asian journal of Medical Sciences ,A Journal Inclined for Medical Research, vol 15, Issue 10, 2024

Avishek Maity, "Prevalence of coronary artery calcification in patients with end stage renal disease undergoing dialysis and the association of various risk factors with the development of coronary artery calcification in this patient population. Asian journal of Medical Sciences ,A Journal Inclined for Medical Research, vol 15, Issue 10, 2024

Conference & CME Programmes

World kidney day celebration on 14/03/2024

CME on Peritoneal Dialysis.

Seminar Topic & Speaker -

1. Hepatorenal syndrome - Dr. Subhadeep Basu
2. CKM syndrome - Dr. Atin Maity
3. Reverse epidemiology - Dr. Archita ben Ramabhai Patel
4. Trials in ADPKD with recent advancements - Dr. Dharendra Singh Tej Pratap
5. Transplant immunology - Dr. Somnath Das Gupta
6. Xenotransplant- pathophysiology and recent advances - Dr. Koushik Mondal
7. Podocytopathy and podocyte-mesenchymal crosstalk - Dr. Dibyajyoti Karmakar
8. Complement and kidney diseases - Dr. Smith Nath
9. New frontiers in Nephrology - Dr. Subhadeep Basu
10. Drug-dose modification - Dr. Deep Mukhopadhyay
11. Cardiorenal syndrome - Dr. Dharendra Singh Tej Pratap
12. PTLD - Dr. Somnath Das Gupta
13. Pulmonary renal syndrome - Dr. Dibyajyoti Karmakar
14. History in Nephrology- Father in Nephrology - Dr. Smith Nath
15. Gut-kidney crosstalk - Dr. Subhadeep Basu
16. Role of Magnesium in kidney diseases and renal handling of Magnesium - Dr. Dharendra Singh Tej Pratap
17. Nobel laureates in Nephrology - Dr. Atin Maity
18. Classification of AKI- newer perspective - Dr. Somnath Das Gupta

Achievements by the Faculties or Students

A. Dr. Pinaki Mukhopadhyay-

1. Selected scientific committee members in APICON 2025
2. Editor of Monolog Book on AKI

3. Accepted 4 Paper in World Congress of Nephrology Will be Held at Delhi Feb 2025
4. Selected Speaker In National Conference ISNCON/ISOT/PDSICON
5. All India Judge in ISOT Quiz Competition
6. Training on International Nephrology from Bangalore (APEX Curriculum).
7. Examiner for DM Nephrology Exam Gouhati
8. Selected Assesor for DNB Nephrology Course
9. PHD Mentor

B. Dr. Avisek Maity-

1. Speaker and conducting different Nephrology awareness program throughout the year.
2. Examiner of students of diploma in dialysis technique course.
3. Avisek Maity, Ajay Kumar Sowthiri "Association between Uric Acid and Cognitive Function in Maintenance Hemodialysis Patient. Asian journal of Medical Sciences, A Journal Inclined for Medical Research, vol 15, Issue 10,2024
4. Avisek Maity, "Prevalence of coronary artery calcification in patients with end stage renal disease undergoing dialysis and the association of various risk factors with the development of coronary artery calcification in this patient population. Asian journal of Medical Sciences ,A Journal Inclined for Medical Research,vol 15, Issue 10,2024

Achievements of PDTs

1. Stood First In All India Quiz Competition in Isot 2024 in Kolkata
2. Stood First in Quiz Competition in East Zone Nephrology Conference
3. Two PDT Attended International Conference TTS Held in Istanbul Turkey
4. Presented 4 Original Paper in National Conference ISOT and ISNCON held at Kolkata
5. Training In Transplant Immunology from Ahmedabad
6. Two PDT Attended American Society of Nephrology Conference (Summery) held at Bangalore
7. Actively Participated in Training Course - Symposium/Poster Presentation/Oral Presentation in National Conference Like ISNCON/ISOT/PDSICON

Other Achievements and Improvements:

1. Inauguration of 3 beds for day-care unit.
2. Inaugration of 3 beds in intensive care unit in Nephrology.
3. Inauguration of renal transplantation OT and recovery unit.
4. 15 successful renal transplantation.
5. Successfully ongoing DM Nephrology course.
6. Extension of haemodialysis services to 24 hrs*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.

Neurology

FACULTY MEMBERS

PROFESSOR

Prof. (Dr.) Kartik Chandra Ghosh - HOD

ASSISTANT PROFESSORS

Dr. Jasodhara Chaudhuri, Dr. Manamita Mandal

RMO CUM CLINICAL TUTOR

Dr. Joydeep Mukherjee

SENIOR RESIDENT

Dr. Bijendra Mohanty, Dr. Akash Manna, Dr. Tapasya Nanda

POST GRADUATE TRAINEES (3rd Years)

Dr. Bonny Sen, Dr. Sourav Panda

POST GRADUATE TRAINEES (2nd Years)

Dr. Shashi Sekhar Jaiswal, Dr. Kallol Das

POST GRADUATE TRAINEES (1st Year)

Dr. Souvik Mondal, Dr. Debasis Maity

NON - TEACHING STAFF

NEURO ELECTROPHYSIOLOGY TECHNICIAN

Mrityunjay Roy, Hirak Biswas

DOC : Sonali Das

Dissertations

1. **Dr. Bonny Sen** : A Comparative study on Neuropsychological and Seizure Outcome in Epileptic Encephalopathy among Pediatric patients with and without Pulse Methyl Prednisolone Therapy
2. **Dr. Sourav Panda** : A prospective interventional study to compare the effects of levodopa and pramipexole in improving non motor symptoms in idiopathic Parkinson's disease in a tertiary care hospital
3. **Dr. Shashi Sekhar Jaiswal** : Study On Normative Data for Pattern Reversal Visual Evoked Potential among Adults of Ethnic Bengali Population.
4. **Dr. Kallol Das** : Assessment of Sympathetic Skin Response in Motor Subtypes in Parkinsons disease
5. **Dr. Souvik Mondal** : Determination Of Demographic Characteristics, Comorbidities, Clinical Profile, Radiological Profile, Outcomes In Posterior Circulation Stroke

Publications

1. Mohanty B, Misra AK, Kumar S, Guha G, Bhattacharya A, Ngullie PS, Manna A, Nanda T, Mukherjee J. Retinal nerve fiber layer thinning found in amyotrophic lateral sclerosis - Correlation with disease duration and severity. Indian J Ophthalmol. 2023 Feb;71(2):369-378. doi: 10.4103/ijo.IJO_1870_22. PMID: 36727322; PMCID: PMC10228946.
2. Misra AK, Nanda S, Mukherjee J, Kumar S, Agasti N. Myotonic Dystrophy Type 1 - An Atypical Presentation Having Symmetric Parkinsonism and Early Proximal Muscle Involvement. Ann Indian Acad

Neurol. 2023 Mar-Apr;26(2):201-203. doi: 10.4103/aian.aian_929_22. Epub 2023 Mar 14. PMID: 37179678; PMCID: PMC10171001.

3. Mandal Manamita & Parashar, Vasudev & Yadav, Praveen & Misra, Amar & Mukherjee, Joydeep & Mohanty, Bijendra & Kumar, Sanjay. (2023). A rare case of left ventricular thrombus with ischemic MCA stroke in a lady with Crohn's disease. Asian Journal of Medical Sciences. 14. 260-264. 10.3126/ajms.v14i7.52547.
4. Hashimoto Encephalopathy:Case Series and literature Review.Current Neurology and Neuroscience Reports.February 2023.
5. Posterior Reversible Leucoencephalopathy Syndrome:Case Series,Comments and Diagnostic Dilemma. Current Neurology and Neuroscience Reports.June 2023
6. Spectrum of Neurological adverse events following COVID-19 vaccination:an observational study from a tertiary care centre of Eastern India. DOI:10.20944/preprints202309.1789.v1
7. Tumefactive demyelination: A diagnostic Challenge & therapeutic enigma in a boy with recurrent quadriplegia- Bonny Sen, Jasodhara Chaudhuri, Kartik Chandra Ghosh in Indian Journal of Pediatric Neurology, 2023 h. Accepted for publication: "A Cross-Sectional Survey on Sleep Disturbances with Special Reference to Sleep Quality among Covid-19 Recovered Patients Attending Out-Patient-Department of A Medical College Hospital in Eastern India" has been accepted for publication with us." Original Article would be published in the upcoming issue of AJMS Vol 14 No 11 on 1st November 2023.
8. Sadhukhan, D., Roy, A., Banerjee, T.K. et al. Clinical Implication of Time of Ischaemic Stroke Among PostStroke Survivors from Eastern India: A Circadian Perspective. Neuromol Med 26, 41 (2024).
9. Manoj Roy, Amar Kumar Misra, Joydeep Mukherjee, Manamita Mandal, Jasodhara Chaudhuri, Kartik Chandra Ghosh, Bijendra Mohanty. Evoked potential response in patients with idiopathic Parkinson's disease and atypical parkinsonian syndromes: A comparative study. Advanced Neurology 2023, 2(4), 1907.
10. Jyotirbina Karmakar, Amar Kumar Misra, Parnava Das, Joydeep Mukherjee, Jasodhara Chaudhuri, Praveen Kumar Yadav, Milan Chakraborty, Dibakar Halder, & Mandal, M. (2023).
A cross-sectional survey on sleep disturbances with special reference to sleep quality among COVID-19-recovered patients attending outpatient department of a medical college hospital in Eastern India. Asian Journal of Medical Sciences, 14(11)
11. Misra, A. K. ., Bhattacharjee, A., Mukherjee, J., Kumar, S. ., & Mohanty, B. (2022). Relationship of low serum 25 (OH) Vitamin D and dementia – A cross-sectional observational study from a neurology teaching hospital in East India: Relationship of low serum 25 (OH) Vitamin D and dementia in East India. Asian Journal of Medical Sciences, 13(12), 66–72
12. Nanda, T., Nanda, S., Manna, A., Mukherjee, J., Mandal, M., & Benito-León, J. (2024). Limbgirdle muscle weakness and muscle hypertrophy: Do not dismiss spinal muscular atrophy. In Revue Neurologique. Elsevier BV.

Conferences & CME Programmes

1. Dr. Tapasaya Nanda-
 - i) Case presentation in Neuro radiology CME Kolkata 2023
2. Dr. Akash Manna -
 - i) Case presentation in Neuro radiology CME Kolkata 2023

3. Dr. Bonny Sen
 - i) Presented and Received the Best E-poster Award in IANCON 2024
 - ii) Case Presentation at 3rd National CME on Pediatric Neurology on April 2023 held at Kolkata
 - iii) Case Presentation at Neuro-immunology Symposium Kolkata 2023.
 - vi) Online Case Presentation at IAN Movement Disorders Subsection PG Program on June 2023 .
 - v) Presented Video Case in MDSI (Movement Disorder Society of India) Kolkata Forum Meeting, 2023 & 2024 .
 - vi) E-Poster Presentation at National Neuropedicon held at Agra in September 2023.
 - vii) Case presentation in Bengal Cognitive School 2024
4. Dr. Sourav Panda
 - i) E-Poster presentation at ANEICON 2024.
 - ii) Presented Video Case in MDSI (Movement Disorder Society of India) Kolkata Forum Meeting, 2023.
 - iii) Case Presentation in Bengal Cognitive School 2023.
 - iv) E-Poster presentation at ANEICON 2023.
5. Dr. Shashi Shekhar Jayswal
 - i) Presented Video Case in MDSI (Movement Disorder Society of India) Kolkata Forum Meeting, 2024
 - ii) Case Presentation in Scientific Programme on “Vagal Nerve Stimulation in Drug Resistant Epilepsy” -2024
6. Dr. Kallol Das
 - i) Poster Presentation in Indian National Stroke conference 2024
 - ii) Case Presentation in Neuroinfection & Neuroimmunology CME 2024
7. Dr. Souvik Mondal
 - i) Poster Presentation in Indian National Stroke conference 2024
8. Dr. Debasis Maity
 - i) Case presentation in NEUROPEDICON (east Zone) 2024
 - ii) Case Presentation in Neuroinfection & Neuroimmunology CME 2024

Achievements by The Faculties or Students

1. Dr. Kartik Chandra Ghosh, Head of the Department & Professor Department of Neuromedicine NRS Medical College.
 - i) Organizing Secretary of Neuropupdate Kolkata with IICB, BIN & CNMCH.
2. Dr. Jasodhara Chaudhuri, Assistant Professor, Department of Neuromedicine NRS Medical College.
 - i) January 2024: Faculty at Stroke CME at Kolkata
 - ii) February 2024: Faculty at Down Syndrome CME at Kolkata
 - iii) April 2024: Organised Autism awareness week on behalf of SPNB, and faculty May 2024: Could organise and arrange gene therapy (first one in government teaching hospital in Eastern India) for Spinal muscular atrophy with team Neuromedicine at NRS MCH
 - iv) Faculty at 3rd Pediatric Stroke conclave organised at Bangalore
 - v) June 2024: Organised as faculty at East Zone Neuropedicon 2024
 - vi) July 2024: faculty at East Zone Pediatric Criticon

- vii) August 2024: speaker at Webinar on cerebral palsy organised by IAP growth Developmental chapter
 - viii) September 2024: Faculty at National Neuropedicon organised by AOPN at Goa
 - ix) October 2024: Faculty at 1 st East Zone Pediatric Rheumatology and Immunology conference
 - x) December 2024: Faculty at East Zone Pedicon, Faculty at NSICON (national conference of Neurosurgery), Faculty at Neurosummit at IICP
 - xi) Author of two book chapters: Trigeminal Neuralgia published in Advances in Headache by IAN, Ocular Myasthenia in CME Book of NSICON
3. Dr. Manamita Mandal, Assistant Professor, Department of Neuromedicine NRS Medical College.
 - i) Completed “Certificate program on insomnia management” held by Mayo Clinic on 8 Sep, 2022.
 - ii) Completed “ICP Certificate Course on Obesity” held by API-ICP from 23rd April 2023 to 9th July 2023
 - iii) Started Stroke & Sleep Clinic in NRS Medical College and Hospital along with Prof Kartik Chandra Ghosh.
 4. Dr. Joydeep Mukherjee, RMO cum Clinical Tutor, Department of neuromedicine NRS Medical College.
 - i) Awarded Fellowship of Indian College of Physicians (FICP) in January 2023 in APICON.
 - ii) Associate Editor in the Epilepsy chapter of book Titled as ‘ICP-IAN 100 Questions in Neurological Practice – published in September, 2023 in IANCON.
 - iii) Started Dementia & Movement disorder Clinic in NRS Medical College & Hospital along with Prof Kartik Chandra Ghosh.
 - iv) Award paper presentation in IANCON 2024
 - v) Lecture on 'Brain Death' in 31st Annual Conference of API, Kolkata
 - vi) Contribution of “Lower Back Pain” Chapter as an author in the book “ API Clinical Compendium”.

Other Notable Achievements

1. Gene Therapy (Onasemnogene ABERPARG) for Spinal Muscular Atrophy first of its kind in the government hospitals in EASTERN INDIA
2. Dr. Bonny Sen – secured second position in Torrent Young Scholar Award (TYSA) 2024; She has also been awarded the for the Best award paper presentation (The Kameshwar Prasad Award) at IANCON, Vizag 2024
3. Started Trans- Cranial Magnetic stimulation for therapeutic purposes.

Neurosurgery

FACULTY MEMBERS

PROFESSORS

Prof (Dr) Kaushik Roy - HOD
Prof (Dr) Suniti Kumar Saha

ASSOCIATE PROFESSOR

Dr Parthasarathi Dutta

ASSISTANT PROFESSOR

Dr Krishnendu Sardar

RMO CUM CLINICAL TUTOR

Dr Arkaprovo Mukherjee

SENIOR RESIDENT

Dr Shuvayu Bandyopadhyay, Dr Susangotu Choudhury, Dr. Gamit Amit Kr. Babulal

POST DOCTORAL TRAINEES (3rd Year)

Dr. Abhirup Chakraborty, Dr. Jiwesh Kumar

POST DOCTORAL TRAINEES (2nd Year)

Dr. Ritankar Patra

POST DOCTORAL TRAINEES (1st Year)

Dr. Dipayan Sen, Dr Avijit Gorain

MEDICAL OFFICERS

Dr Amit Ghosh, Dr Gouranga Malakar

Dissertations

(Completed in 2022)

1. **Dr. Shuvayu Bandyopadhyay** : A Clinical Study on Outcomes of Pedicle Subtraction Osteotomy in Local Kyphotic Deformities of the Dorsolumbar Spine.
2. **Dr. Susangato Choudhury** : Clinicopathological study of posterior fossa tumours.

(Completed in 2023)

1. **Dr. Arthelieu R Sangma** : A Clinical Study on Outcomes of Posterior Fossa Brain Tumour Management in Pediatric Population.
2. **Dr. Gamit Amit Kumar Babulal** : A Clinical Study on Outcomes following Anterior Approach Surgery for Cervical Spondylotic Myelopathy.

(Ongoing Thesis Work)

1. **Dr. Abhirup Chakraborty** : Importance of Body Mass Index and Cervical Lordosis in Neurological Recovery After Anterior Cervical Decompression and Fusion for Cervical Spondylotic Myelopathy in a Tertiary care centre in Eastern India.
2. **Dr. Jiwesh Kumar** : Assessment of Per-operative Consistency of Meningioma in Relation to Pre-operative MRI Findings.

3. **Dr. Ritankar Patra** : A Profile of Spinal Neural Tube Defects in Children Before and After Surgery.
4. **Dr. Dipayan Sen** : A clinicopathological study to evaluate the significance of Ki67 labelling index as a prognostic marker in CNS meningiomas presenting at a tertiary care hospital of West Bengal.
5. **Dr. Avijit Gorain** : Assessment of relationship between Vitamin D deficiency and pain severity in patients with low back pain : a prospective observational study.

Publications

2023 Till Present

1. Chakraborty A., Roy K. , Saha S.K. (2023). Extramedullary epidermoid in a case of myelomeningocele: an unusual association. International journal of scientific research. 63-64. 10.36106/ijsr/4622863.
2. Sangma A.R.,Roy K.,Saha S.K., Babulal G.A.K., Kumar J.” filum terminale paraganglioma : a report on 2 rare cases and review of literature “, Volume – 12,Issue – 09, September – 2023,PRINT ISSN No. 2277 – 8179,DOI:10.36106/ijsr
3. Sangma A.R.,Roy K.,Saha S.K., Kumar J “prognostication of hyponatremia in traumatic brain injury a tertiary centre based study in eastern india “Volume – 12, Issue – 10,October – 2023,PRINT ISSN No. 2277 – 8179, DOI: 10.36106/ijsr
4. Babulal G AK., Saha S.K., Roy K., Kumar J. A Clinical Study on Outcomes Following Anterior Approach Surgery for Cervical Spondylotic Myelopathy, International Journal of Science and Research (IJSR), Volume 12 Issue 12 , December 2023 , pp . 438 - 441 , <https://www.ijsr.net/getabstract.php?paperid=SR231125082608>
5. Babulal G AK., Saha S.K., Roy K., Chakraborty A., Gunshot Injury with Intraspinal Intradural Location of a Bullet, International Journal of Science and Research (IJSR), Volume 12 Issue 10, October 2023, pp. 1460-1463, <https://www.ijsr.net/getabstract.php?paperid=SR231019193548>

2024(till October 2024)

1. Datta P, Mukherjee S, Mukherjee A, Debnath A, Pathak D, Pawha N. Giant Aneurysms: Not So Giant in Behavior. Neurol India. 2024 Jan 1;72(1):39-44. doi: 10.4103/ni.ni_661_21. Epub 2024 Feb 29. PMID: 38442999.
2. Kumar J., Saha S.K., Roy K., Anand C. Outcomes of etv approach in obstructive hydrocephalus patients: an experience at a tertiary care institute. International journal of science academic research vol. 05, issue 07, pp.7830-7832, july, 2024 issn: 2582-6425; available online at <http://www.scienceijsar.com>
3. Kumar J., Roy K., Chakraborty A. Cystic surprise: unveiling a rare cerebellar sol in a young adult :a case report, International Journal of Scientific Research (IJSR), IJSR volume - 13 , issue – 08, august - 2024, print issn no. 2277 - 8179 , doi : 10.36106/ijsr
4. Chakraborty A., Roy K., Kumar J. Insights into cervical intramedullary neurocysticercosis: a rare presentation. International Journal of Scientific Research (IJSR), IJSR volume - 13 , issue – 08, august -2024, print issn no. 2277 - 8179 , doi : 10.36106/ijsr

CME and Conferences Organized by the Department

1. 30th teaching programme of NSSI, was conducted at department of neurosurgery at Nil, Ratan Sircar, Medical College & Institute Of Neurosciences, Kolkata ,on 18th-19th May, 2024

2. Cadaveric workshop & CME on Transnasal Transphenoidal endoscopic approach to sellar region was conducted on 26th-27th September, 2024, by the department along with Institute Of Neurosciences, Kolkata .

Achievements

1. Faculties and residents attend and actively participate in various academic feasts like NSICON , ANEICON , NESICON and other regional and national workshops held every year.
2. Recently, Dr. Abhirup Chakraborty and Dr. Jiwesh Kumar attended NSSICON 2024 and attended hands on cadaveric workshop on Minimal invasive spine surgery , CV Junction surgery and Microvascular anastomosis.
3. Dr. Shuvayu Bandopadhyay and Dr. Susangato Chowdhury attended NESICON 2024 and endoscopic workshops in brain and spine surgeries.
4. Dr. Abhirup Chakraborty and Dr. Jiwesh Kumar attended Short term skill training program (2weeks) at AIIMS New Delhi in April,2024.
5. Dr. Jiwesh Kumar presented paper at YNF-NSICON 2024 held at Pune in June, 2024 .(topic – atypical presentation of lumbar spinal tuberculosis: case report and literature review)
6. Dr. Abhirup Chakraborty presented poster at MISSABCON 2024 held at Gandhinagar in October 2024.(topic: when rare becomes real: recurrence of giant cell tumor of cervical spine, a case report)

Ophthalmology

FACULTY MEMBERS

PROFESSORS

Dr. Udayaditya Mukhopadhyay - HOD

Dr. Krishnapada Baidya

ASSOCIATE PROFESSORS

Dr. Rupam Roy, Dr. Sudeshna Roy

ASSISTANT PROFESSOR

Dr. Shreyangsi Biswas

RMO CUM CLINICAL TUTOR

Dr. Sripurna Ghosh

SENIOR RESIDENT

Dr. Shafaque Sahar, Dr. Mily Mandal, Dr. Saranya Biswas

POST GRADUATE TRAINEES

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

POST GRADUATE TRAINEES (3rd Year)

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

POST GRADUATE TRAINEES (2nd Year)

Dr. Pritha Ghosh, Dr. Moumi Lal, Dr. Arka Chatterjee, Dr. Nupur Priyadarshini,
Dr. Sukanya Saha, Dr. Sk. Abid Hasan

POST GRADUATE TRAINEES (1st Year)

Dr. Lakshana Sherpa, Dr. Akshita Jain, Dr. Subhadip Maiti, Dr. Harsha Tak,
Dr. Indranil Bhattacharya, Dr. Abul Bashir

NON - TEACHING STAFF

MT (OPTOMETRIST)

Anirban Ghosh, Prasanta Paul

GDA

Rajmohon Ram, Jayanta Mallick

SWEEPER

Raghubir Das

Publications

1. A Comparative Study to Evaluate the Clinical outcome of Conjunctival Limbal Autograft and Amniotic Membrane Transplant for the Treatment of Primary Pterygium : (Asian Journal of Pharmaceutical and Clinical Research, 2023-10-07, Journal Article, DOI : 10.22159/ajpcr.2023.v16i10.49311, Part of ISSN: 2455-3891/Part of ISSN: 0974-2441) CONTRIBUTORS : Dr. Arkendu Chatterjee; Dr. Shafaque Sahar; Dr. Rupam Roy; Dr. Udayaditya Mukhopadhyay .
2. Blindness as a presenting feature of leptospiral infection: A case report and review of literature Received: 30-Jul-2023 Revision : 29-Oct-2023 Accepted: 12-Nov-2023 Published: 16-Jan-2024; Dr. Udayaditya Mukhopadhyay .
3. A Study on Association of Systolic Blood Pressure, Diastolic Blood Pressure, and pulse Pressure with Intraocular pressure in Relation to Primary Open - Angle Glaucoma: (Asian journal of Pharmaceutical and Clinical Research, 2023 -10 -07, Journal article, DOI : 10.22159/ajpcr.2023.v16i10.49311, part of ISSN: 2455-3891 / part of ISSN: 0974-2441) CONTRIBUTORS : Dr. Sudeshna Roy; Dr. Arkendu Chatterjee; Dr. Debalina Ghanta : Dr. Shamim Ahamed.
4. Mask Associated Dry Eye (MADE) in Healthcare Workers: A Cross-sectional Study NC08-NC11 Published: April 1, 2023, DOI: <https://doi.org/10.7860/JCDR/2023/58092.17902> Dr. Sudeshna Roy; Dr. Keshs Saha; Dr. Shafaque Sahar; Dr Sunandan Modak
5. Managem ENT Ea Ediatric EPI Phora an D Its Success Rate In A Terti Ary Eye Care Center, Sudeshna Roy, Mita Saha Dutta Chowdhury, Debalina Ghanta, Kusum Kutdari
6. Mask Associated Dry Eye (MADE) in Healthcare Section Workers: A Cross-sectional Study Sudeshna Roy, Keshs Shah, Shafaque Sahar, Sunandan Modak
7. Dr. Arka Chatterjee - Publication : 1. Ocular manifestation in a case of tumoral calcinosis (IJO Case Reports- to be published in the latest edition)

Presentation

1. Ocular manifestation in a case of tumoral calcinosis (Free paper- AIOS 2024 Kolkata)
2. A case series on ankyloblepharon (Free paper- International conference on community eye health care beyond the border, gopalganj, Dhaka, Bangladesh 2024)
3. Imaging in orbital trauma (Free paper- International conference on community eye health care beyond the border, gopalganj, Dhaka, Bangladesh 2024)
4. Seborrheic keratosis of lower eyelid
(Poster presentation- ACOIN Kolkata 2023)

Orthopedics

FACULTY MEMBERS

PROFESSORS

Dr. Gopinath Maiti - HOD
Dr. Kiran Kr. Mukhopadhyay

ASSOCIATE PROFESSORS

Dr. Ananda Mandal, Dr. Shubhendu Das, Dr. Chinmay Biswas

ASSISTANT PROFESSORS

Dr. Aniruddha Mondal, Dr. Gourab Chatterjee, Dr. Soumyadeep Dutta Roy
Dr. Arumoy Bhumali, Dr. Saikat Ghosh

RMO CUM CLINICAL TUTOR

Dr. Bhaskar Chattopadhyay

SENIOR MEDICAL OFFICER

Dr. Dipankar Mukhopadhyay

SENIOR RESIDENT

Dr. Shubham Pandit, Dr. Sanjay Saha, Dr. Rabi Shankar Majhi, Dr. Oisharya Banerjee
Dr. Abhishek Poddar, Dr. Satyaki Dandi, Dr. Pratyay Pal

POST GRADUATE TRAINEES (3rd Year)

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

POST GRADUATE TRAINEES (2nd Year)

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

POST GRADUATE TRAINEES (1st Year)

Dr. Kaihan Kamal Azad, Dr. Subhas Mandi, Dr. Abdul Halim, Dr. Biswadeep Dutta

PASSED M S ORTH. IN 2023

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

Dissertations

1. A Study of Functional Outcome of Masquelet Technique in Infected Non-union of Long Bones with or without Gap in a Tertiary Care Centre.
Author : Prof. Dr. Gautam Bhattacharyya, Dr. Sirshendu Kheto
2. A Short Term Study Regarding Functional Outcome of Medial Patello-femoral Ligament Reconstruction in Cases of Recurrent and Habitual Patellar Dislocation.
Author : Prof. DR. Gopinath Maiti, Dr. Sudip Ghosh
3. Evaluation of the Results and Analysis of Total Disc Arthroplasty in a Single and Multiple Level Cervical Disc Prolapse Causing Symptomatic Cervical Cord Compression : A Prospective Study.
Author : Dr. Shubhadip Mondal, Dr. Shubhradeep Barai
4. A study on MRI Depiction of Anatomical Position of Graft in Post Operative Anterior Cruciate Ligament Tear Patients with respect to Normal Knee.
Author : Prof. Dr. Gopinath Maity, Dr. Swarup Paul

5. Minimal Invasive Spine (MIS) Surgery in Traumatic Thoraco-lumbar Fracture.

Author : Prof . Dr. Kiran Kumar Mukhopadhyay, Dr. David Doman Baskey

Conference and CME Programs

1. CME Seminars (Departmental) on every working Thursdays
2. EIOT & WBOA Workshop on Spinal Injection Technique
3. EIOT & WBOA Fracture fixation course
4. EIOT & WBOA Spinal instrumentation technique - Cadaveric Course
5. EIOT & WBOA Knee Arthroscopy Live Surgery Workshop
6. EIOT & WBOA PG Teaching Course
7. EIOT & WBOA Sports injury - A Clinical Discussion
8. WBOA & ASAMI Ilizarov Workshop
9. EIOT - Plaster Techniques and Role of Plaster of Paris Bandage in Orthopaedic Traumatology
10. EIOT & WBOA Pelvi - Acetabular Surgery - Cadaveric Workshop
11. EIOT Fracture fixation course/Hands on course/Cadaveric dissection course
12. WBOA PG Teaching Course

Achievements by the Faculties or Students

Prof. Dr. Gopinath Maiti

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. Book Chapter- Anterior Thoracic Spinal implants- “ Handbook of Orthopaedic Trauma Implantology (Springer)”
2. Publication- “Expert Consensus on S-Etodalac in the Management of Osteoarthritis from an Indian Perspective"- Journal of Orthopaedic Association of South Indian States- Volume-20, Issue-1, Jan-June, 2023
3. Award- ISSN International Research Award- 2023.
4. President Elect – Spine Society of West Bengal.
5. Central Executive Member – Indian Orthopaedic Association.
6. Honorary Secretary – Eastern India Initiative for Orthopaedic Training.

Book Chapter - Role of K-Wires in Orthopaedic Traumatology

1. **Dr. Kiran Kumar Mukhopadhyay** : “Expert Consensus on S-Etodalac in the Management of Osteoarthritis from an Indian Perspective”. Journal of Orthopaedic Association of South Indian States. Volume-20, Issue-1, Jan-June, 2023. India.
2. **Dr. Gourab Chatterjee, Dr. Soumyadeep Dutta Roy, Dr. Sirshendu Kheto, Dr. Sudipta Samanta** : “A Comparative Study of Adams-Berger and Sauve Kapandji Procedure in Chronic Distal Radio-ulnar Joint Instability”. International Journal of Science and Research. Volume 12 Issue 5, May 2023. India

Otorhinolaryngology

FACULTY MEMBERS

PROFESSORS

Dr. Sumanta Kumar Dutta - HOD
Dr. Biswajit Sikder, Dr. Pranabashish Banerjee

ASSISTANT PROFESSORS

Dr. Anupam Roy, Dr. Shubhrakanti Sen

RMO CUM CLINICAL TUTOR : Dr. Indranil Khatua

SENIOR RESIDENT

Dr. Sanchari Nandi, Dr. Paroma Mukherjee, Dr. Mithun Karak

POST GRADUATE TRAINEES (3rd Years) : Dr. Trailokeswar Prusti

POST GRADUATE TRAINEES (2nd Years)

Dr. Trailokeswar Prusti

POST GRADUATE TRAINEES (2nd Years)

Dr. Md. Nadeem Hasan, Dr. Veeus Nag Mukherjee

POST GRADUATE TRAINEES (1st Year)

Dr. Raghav Gupta, Dr. Ayan Biswas, Dr. Kahkasha Alam, Dr. Siddhanta Saha

NON - TEACHING STAFF

LDC : Mr. Pradip Biswas

Dissertations

1. A comparative study of the outcomes of the midline and lateral approach for thyroidectomy :
Dr. Trailokeswar Prusti

Synopsis : Submitted synopsis on

1. Assessment of hearing loss in pediatric patients attending ENT OPD in a Tertiary Care Hospital of West Bengal: An Observational Cross-sectional study: Dr. Md. Nadeem Hasan.
2. Significance of Platelet Rich Plasma Therapy on short term post-operative outcomes of pediatric tonsillectomy patients: Dr. Veeus Nag Mukherjee
3. Anatomy of Facial Recess for Visibility and Access of Round Window with Reference to Cochlear Implantation: Dr. Ayan Biswas.
4. Preoperative Radiological Evaluation of Pediatric Sensorineural Hearing Loss in Potential Candidates for Cochlear Implantation: Dr. Raghav Gupta
5. Assessment of Perception, Expectations and Challenges Among Parents of Children With Congenital Sensorineural Hearing Loss: Dr. Kahkasha Alam.
6. Impact of Fentanyl Versus Saline Nasal Packing in Acute Post operative Pain Following Septoplasty and Functional Endoscopic Sinus Surgery .An Academic Clinical Trial :Dr. Siddhanta Saha.

Publications

Book :

OSCE in Otorhinolaryngology (Ear, Nose and Throat), First edition; Jaypee Brothers Medical Publishers (P) Ltd; April 2023 – Authors: Dr. Sumanta Kumar Dutta and Dr. Sanchari Nandi.

Papers :

1. *Applications of platelet Rich Plasma in Chronic Ulcers of head and Neck – A Prospective study.* Dr. Sutirtha Saha, Dr. Biswajit Sikder, Dr. Trailokeswar Prusti, Dr. Kanishka Chowdhury, Dr. Pranabashish Banerjee, International Journal of Scientific Research, 1st August 2023
2. *A Study of Endonasal Dacrocystorhinostomy with Prolene Stent – Experience.* 17 July 2023. Dr. Indranil Khatua, Alokendu Bose, Indranath Kundu, Debarshi Jana, Research Journal of Medical Sciences.
3. *A case of glial heterotrophic involving root of nose - a rarity,* IJAR, Feb 2023. Dr.Sutirtha Saha, Dr.Pranabashish Banerjee, Dr.Kanishka Chowdhury, Biswajit Sikder
4. *Rhino-cerebrospinal-orbital mucormycosis in COVID 19 pandemic- our experience in a tertiary care institute,* IJAR, April 2023.
5. *Endoscopic prelacrima recess approach for the benign maxillary sinus pathologies involving anteromedial wall,* IJAR, May 2023. Dr.Mithun Karak, Dr.Prashanta Kumar Gure.
6. *Tinnitus in COVID 19 Era - A study on its association with SARS-CoV-2 and its outcome.* BJOHNS, August 2022. Paromita Mukherjee, Misabahul Haque, Prasanta Kumar Gure, Sarvesh Premanand Azgaonkar.
7. *Treatment of tinnitus with Intratympanic Injection of Dexamethasone versus oral drugs,* IJOHNS, April 2023. Dr.Arпита Mohanty, Dr.Monoj Mukherjee, Dr.Siddhartha Kumar Das, Dr.Biswajit Sikder

Conference and CME Programs :

1. Mediquerium ENT Workshop and Quiz Competition for the Undergraduate students - 15th September, 2023.
2. Monthly clinical meet of AOI (Association of Otolaryngologists of India) West Bengal chapter - 10th June, 2023.

Achievements :

1. Departmental Achievements :
 - i) Formation of a society named “NRS HOSPITAL ENT ACADEMY” with the members of the ENT Department for smooth conduct of various academic events/ workshops/ upcoming projects.
 - ii) A fully-equipped Temporal bone dissection lab with microscopes and projector has been set up for regular training on dissection.
 - iii) A state-of-the-art Operation Theatre is under construction with a separate intensively sterile segment keeping in view the cochlear implantation program in the near future.
 - iv) Registering NRS MC under the ADIP scheme for Cochlear Implantation after successful online inspection.
 - v) First Annual Temporal Dissection Competition held in NRS ENT Department in January 2024.

2. Individual Achievements :

Dr. Veeus Nag Mukherjee

- i. Presented a paper on: Significance of platelet-rich plasma therapy on short Term postoperative outcomes of pediatric Tonsillectomy patients at Monthly Clinical Meet on June 10th, 2023.
- ii. Presented a paper on: "Significance of vitamin D in patients suffering from Allergic Rhinitis"- A prospective correlational study at AOIWB 50th conference, Kolkata, January 2023.
- iii. Presented a poster on: Atypical case of Rhino orbital Rhinosporidiosis at AOIWB 50th Conference, Kolkata, January 2023.

Dr. Nadeem Hasan

- i. Presented a poster on Unusual presentation of a Dentigerous cyst in a young male in AOIWBCON 2023.
- ii. Presented paper on : Assessment of hearing loss in pediatric patients attending ENT OPD in a tertiary care hospital in West Bengal, at Monthly Clinical Meet on June 10th, 2023.

Dr. Ayan Biswas

- i. Presented a paper on "Neutrophil to Lymphocyte Ratio (NLR) and its Association with Survival Outcomes Among Patients With Head And Neck Cancer" in Monthly Clinical Meeting of AOIWB on 18th May, 2024.

Dr. Kahkasha Alam

- i. Presented a paper on "Role of intratympanic Injection of Dexamethasone in the Treatment of Subjective Idiopathic Tinnitus in Tertiary Care Centre" in Monthly Clinical Meeting of AOIWB on 29th June, 2024.

Dr. Trailokeswar Prusti

- i. Presented a poster on "An unusual case of carotid body Tumor" at AOIWBCON 2023.
- ii. Presented a paper on "Correlation between USG guided FNA findings and post-operative histopathology in patients undergoing thyroidectomy at a tertiary medical college - a retrospective study" at monthly clinical meet of AOI WB on June 10th, 2023.
- iii. Presented a paper on "A Comparative Study of The Outcomes of The Midline And The Lateral Approach for Thyroidectomy at Monthly Clinical Meeting of AOIWB on 29th June, 2024.

Dr. Paroma Mukherjee

- i. Presented a paper on "Auditory assessment in high risk neonates and infants by Otoacoustic Emissions and Auditory Brainstem response audiometry in a Tertiary Referral Institute Rhino-Orbito-Cerebral Mucormycosis: is it the end of life?" at AOIWB 50th conference, Kolkata, January, 2023.
- ii. Presented a paper on "Functional Outcomes of Patients with COM undergoing Endoscopic Type III Tympanoplasty" at 74th AOICON, Jaipur, 2-5th February, 2023.
- iii. Presented a poster on "From Jaws of death: a metamorphosis" at AOICON 74th conference Jaipur, Feb, 2023.
- iv. Presented a poster on Rhino-Orbito-Cerebral Mucormycosis: is it the end of life? Conference: AOIWB 50th conference, Kolkata, 6-8th Jan, 2023).

Dr. Sanchari Nandi

- i. Won the Best Dissector Award in Temporal Bone Dissection Workshop For Micro Ear Surgery held in PT Madan Mohan Malvia Centenary Hospital Govandi (Mumbai) in June 2024.

Pathology

FACULTY MEMBERS

PROFESSORS

Dr Gopinath Barui - HOD

Dr Anjan Kumar Das

ASSOCIATE PROFESSORS

Dr Rajib Kumar Mondal, Dr Moumita Maiti, Dr Arghya Bandopadhyay,
Dr. Chhanda Das

ASSISTANT PROFESSORS

Dr Ambalika Mondal, Dr Sarbari Kar Rakshit, Dr Ratnaprabha Maji

DEMONSTRATOR

Dr Piyabi Sarkar, Dr Debosmita Bhattacharya, Dr Saroj Singh

SENIOR RESIDENT

Dr Saurabh Dash, Dr Ishita Ghatak, Dr Somdatta Bhaumik, Dr Poulomi Biswas, Dr Arundhati Shit,
Dr Sayan Mukhopadhyay, Dr Purnendu Ranjit, Dr Ranajit Mondal

POST GRADUATE TRAINEES (3rd Years)

Dr Soumik Kar, Dr Shailaja Kumari, Dr Nilanjana Mondal, Dr Shubhankar Sadhukhan, Dr Swabarna Trivedi

POST GRADUATE TRAINEES (2nd Years)

Dr Shazia Shama, Dr Somava Mandal, Dr Abida P.M., Dr Sunaina Lakra

POST GRADUATE TRAINEES (1st Year)

Dr Homa Roohi, Dr Sangita Mandal, Dr Debolina Mondal, Dr Asmita Chakrabarti, Dr Amrita Pal

NON - TEACHING STAFF

MT (LAB)

Smt Saborni Chakraborty, Sri Sanjay Giri, Sri Debasis Jana, Smt Nabanita Ghosh,
Smt Dipanwita Dey, Smt Paramita Bose Dey, Smt Anindita Sinha Roy

LAB ATTENDANT

Sri Sukhdev Majhi

TECHNICAL ASSISTANT

Sri Arabinda Hazra, Sri Pravat Kumar Sarkar

SWEEPER

Smt Mona Devi (Ram)

Dissertations (Oct 2021 to Sept 2022)

1. **Dr. Poulomi Biswas** : Study of CD10 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 cancers marker of proliferation and invasiveness.
5. **Dr. Ranajit Mondal** : Study of p53 and p16 immunoexpression in low grade serous ovarian cancer.
6. **Dr. Soumik Kar** : Study on expression profile of MLH-1 and MSH-2 (DNA mismatch repair gene) in colon cancer and its correlation with different clinicohistopathological features.
7. **Dr. Shailaja Kumari** : MMP-9 expression in surface epithelial ovarian carcinoma and its correlation with histopathological type and grading as a prognostic marker.
8. **Dr. Nilanjana Mondal** : A clinico-pathological study on Neoadjuvant Chemotherapy response in breast carcinoma with special reference to assessment of inter-observer reproducibility of Miller-Payne system and the Residual Cancer Burden Index
9. **Dr. Shubhankar Sadhukhan** : Expression of CDX-2, CK-20 and Ki-67 in colorectal carcinoma and their correlation with prognostic parameters.
10. **Dr. Swabarna Trivedi** : Determination of MMP-9 and Ki-67 expression in breast carcinoma and correlation of these markers with tumor grade and stage.
11. **Dr. Somava Mandal** : Determination of PD-L1 Expression in Non Small Cell Lung Cancer and Its Correlation with Histological Type and Staging.
12. **Dr. Abida P.M.** : Study of PDL1 and Ki67 Expression in Triple Negative Breast Carcinoma.
13. **Dr. Somdatta Bhaumik** : Study of Immunohistochemical markers p53 and BCL2 expression in malignant and premalignant lesions of cervix in a tertiary care centre.
14. **Dr. Sunaina Lakra** : Immunohistochemical expression of p53 and p16 in urothelial carcinoma of urinary bladder and its correlation with tumor grading
15. **Dr. Shazia Shama** : Pattern of macrophages in Malignant Pleural Effusion by Cell Block method.
16. **Dr. Homa Roohi** : Expression Pattern of CD 68 in Tumour Associated Macrophages and VEGF as a Marker of Angiogenesis in Invasive Breast Carcinoma
17. **Dr. Sangita Mandal** : Expression Pattern of EGFR, HER-2, Ki-67 in Gallbladder Cancer and its Association with Histopathological Grading and Staging.
18. **Dr. Debolina Mondal** : Epithelial Mesenchymal Transition in Colorectal Carcinoma and its Association with Expression of E-Cadherin and Vimentin
19. **Dr. Asmita Chakrabarti** : Micronuclear Frequency in Buccal Smear and its Correlation with Histopathological Dysplasia, p53 and p16 Expression in Oral Potentially Malignant Disorders and Squamous Cell Carcinoma
20. **Dr. Amrita Pal** : Clinico-Pathological Study of Inflammatory Conditions of Colon with Special Emphasis on Detection of Inflammatory Bowel Disease by Histopathology and Immunohistochemistry

Publications

1. Nandy S, Maroo V, Barui G. Immunohistochemical analysis of cytokeratin 7 and 20 expression in colorectal carcinoma and its correlation with histopathological grading of tumour Asian Journal of Medical Sciences .Jul 2023 , Vol 14 (7).
2. Nandy S, Maroo V, Barui G, Immunohistochemical analysis of cytokeratin 7 and 20 expression in colorectal carcinoma and its correlation with histopathological grading of tumour. Asian Journal of Medical Sciences.2023; 14(7):143-149
3. Mandal R, Mondal RK, Rakshit SK, Roy AK, Hazra R.Immunoexpression of p53 and p16 in Low and

High-grade Serous Ovarian Cancer: A Cross-sectional Study J Clin of Diagn Res. 2023; 17(11):EC18-EC22. <https://www.doi.org/10.7860/JCDR/2023/65393/18696>

4. Mukhopadhyay S, Rakshit SK, Mondal RK, Roy AK, Hazra R. Stromal CD10 Expression in Breast Carcinoma and its Association with ER, PR, and HER2/neu Using Immunohistochemistry: A Cross-sectional Study J Clin of Diagn Res. 2023; 17(12):EC24-EC29. <https://www.doi.org/10.7860/JCDR/2023/67694/18869>
5. Mohanta, Tanay & Bharatee, Pranabesh & Sengupta, Deepmalya & Das, Anjan. (2023). Journal of Cardiovascular Disease Research Multifactorial Study of Suicidal Deaths in Women of Reproductive Age Group and Their Relationship with Menstrual Cycle-A Histopathological Based Autopsy Study. Journal of Cardiovascular Disease Research. 14. 1853-61.
6. Sarwala, Sohini & Sarkar, Ranu & Maity, Moumita. (2023). Study of her2/neu and ki-67 expression in invasive urothelial carcinoma of bladder and their correlation with grade and stage. Panacea Journal of Medical Sciences. 13. 334-340. 10.18231/j.pjms.2023.064.
7. Bandyopadhyay A, Krishna MP. Tumor Infiltrating Lymphocytes (TILs) and Tumor Budding in Invasive Breast Carcinoma: Correlation with Known Prognostic Parameters : TIL and Tumor budding in IBC. Arch Breast Cancer . 2023;10(3):241-7.
8. Das S, Saha R, Das C, Deb M, Kamilya G. Prognostic Role of Human Epididymis Protein4 (HE4) in Endometrial Lesions: Study in a Tertiary Care Centre. Indian J Surg Oncol. 2023 Jun;14(2):428-433. doi: 10.1007/s13193-023-01710-2. Epub 2023 Feb 4. PMID: 37324288; PMCID: PMC10267062.
9. Dutta S, Ghtak I, et al. A Study of Histopathology of Appendicitis with Clinical Correlation. Journal of the Vivekananda Institute of Medical Sciences. 2023; Vol 46 (II): 12-17.
10. Sarwala S P, Sarkar R , Maity M . Study of her2/neu and ki-67 expression in invasive urothelial carcinoma of bladder and their correlation with grade and stage .Panacea Journal of Medical Sciences.2023;13(2):334-340.

Post Graduate Trainees

1. **Dr Shazia Shama** : 1st prize in paper presentation at state conference organized by Indian Academy of Cytology, 2024
2. **Dr Nilanjana Mondal** : 2nd prize in paper presentation at state conference organized by APMWB CON, 2023
3. **Dr Asmita Chakrabarti** : 1st prize in poster presentation at state conference organized by APMWB CON, 2024

Faculties

1. **Dr Gopinath Barui** : Judge and Chairperson at state conference organized by APMWB CON, 2024 and IAC state conference, 2024.
2. **Dr Anjan Kumar Das** : Judge at state conference organized by APMWB CON, 2024
3. **Dr Arghya Bandyopadhyay** : Speaker at CME organized by Indian Academy of Cytology, state conference, 2024
4. **Dr Moumita Maiti** : Speaker at CME organized by Indian Academy of Cytology, state conference 2024
5. **Dr Chhanda Das** : PhD in Pathology under university of Calcutta in 2024.

Conference & CME Programmes

1. Organised APM WB Monthly meeting and CME on January 2024.

Pediatrics

FACULTY MEMBERS

PROFESSORS

Dr. Asim Kumar Mallick - HOD
Dr. Abhijit Dutta

ASSOCIATE PROFESSORS

Dr. Biswanath Basu, Dr. Arnab Biswas, Dr. Sanjay Halder

ASSISTANT PROFESSORS

Dr. Manik Mondal, Dr. Shrabani Mandal, Dr. Angshumitra Bandyopadhyay

RMO CUM CLINICAL TUTOR

Dr. Subrata Datta, Dr. Madhumita Basu

SENIOR RESIDENT

Dr. Surajit Roy, Dr. Ruchi Singh, Dr. Nibedita Manna, Dr. Madhushree Datta
Dr. Debanjana Dasgupta, Dr. Sibnath Gayen

MEDICAL OFFICERS

Dr. Sampa Maulik, Dr. Indrani Nag

MEDICAL OFFICERS (MOSNCU)

Dr. Pamela Ghosh, Dr. Tarun Kr. Naskar
Dr. Sanjay Mandal, Dr. Apurba Roy, Dr. Satarupa Nandi, Dr. Sujoy Saha

POST GRADUATE TRAINEES (3rd Years)

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

POST GRADUATE TRAINEES (2nd year)

Dr. Chandan Hembram, Dr. Ishitri Das, Dr. Bristi Chakraborty, Dr. Ayshi Mahanty, Dr. Madhurya Mandal
Dr. Sohini Kundu, Dr. Samsad Begam, Dr. Sk Md Wadud, Dr. Abhijit Mandal
Dr. Debapriya Roy, Dr. Sk Moidul

POST GRADUATE TRAINEES (1st year)

Arghya Pratim Saha, Bishal Saha, Azra Khatoon, Astha Modi, Maitrayee Mondal, Dr. Tenzin Sherab Bodh,
Dr. Manajit Biswas, Dr. Arnab Roy, Dr. Pratik Mukherjee

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

Session 2021- 2024

1. **Dr. Monalisa Sarkar** : B Cell Reconstitution Following Rituximab Therapy in Childhood Nephrotic.
2. **Dr. Anurupa Mondal** : Psychological Outcomes in Children After Discharge from Paediatric Intensive Care Unit of a Tertiary Care Centre of Eastern India - An Observational Study.
3. **Dr. Shweta Paul** : Performance Analysis of An Indigenously Developed Non Invasive Portable Spectrometry Based Device for Detection of Jaundice, Anaemia and Oxygen Saturation in Neonates.
4. **Dr. Ashish Kumar** : A Study on Role of Liver Biopsy as An Early Predictor to Differentiate Between Neonatal Hepatitis and Extra Hepatic Biliary Atresia.
5. **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.
6. **Dr. Aswini Chalak** : A Study on Efficiency of Nextended Alternate Day Prednisolone Therapy Following Remission Among Childhood Infrequent Relapse Nephrotic Syndrome.
7. **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.
8. **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 NRSMCH.
9. **Dr. Ashalata Mondal** : Neuroimaging Findings in First Unprovoked Seizures in Children : A Cross Sectional Observational Study.
10. **Dr. Biswajit Sarkar** : A Study on Awareness Regarding HPLC Screening for Diagnosis and Prevention of Thalassemia.
11. **Dr. Rodosi Hauli** : Observational Study to Evaluate the Effect of Manganese Citrate Nano Complex Compared to The Conventional Treatment of Neonatal Hyperbilirubinemia.

Session 2022- 2025

1. **Dr. Chandan Hembram** : Determinants of Clinical Outcome in Children with Empyema Thoracis - A Prospective Observational Study.
2. **Dr. Ishitri Das** : A Comparison Between one Indegenously Developed Non Invasive Spectrometry Based Device (ASAMIR) for Measuring Hemoglobin, Serum Bilirubin and Oxygen Saturation with Conventional Techniques in Sick Newborns.
3. **Dr. Bristi Chakraborty** : An Observational Study to Evaluate the Role of Early Non Invasive Respiratory Support in Children with Acute Severe Bronchiolitis.
4. **Dr. Ayshi Mahanty** : Effectiveness of Rituximab with Maintanance Mycophenolate Mofetil Among Children with Steroid Resistant Nephrotic Syndrome.
5. **Dr. Madhurya Mandal** : Follow up of B Lymphocyte Subset Regeneration Following Rituximab Therapy Among Childhood Steroid Dependent Nephrotic Syndrome.
6. **Dr. Sohini Kundu** : Effectiveness of Immunosu pressants Among Children with Steroid Resistant Nephrotic Syndrome : A Prospective Observational Study.
7. **Dr. Samsad Begam** : Factors Affecting the Final Outcome in Children with Severe Acute Respiratory Illness Requiring Mechanical Ventilation.

8. **Dr. Sk Md Wadud** : Clinical and Laboratory Profile of Viral Pneumonia in Children 1 to 60 Months of Age: A Cross Sectional Observational Study.
9. **Dr. Abhijit Mandal** : Endocrinological Evaluation of Multi-Transfused Thalassemia Major Children.
10. **Dr. Debapriya Roy** : Comparson Between the Measure of Attention Deficit Hyperactivity Disorder and Psychometric Analysis for Objective Detection of ADHD in Paediatrics.
11. **Dr. Sk Moidul** : Pattern of Clinical Presentation and Etiological Spectrum of Stroke in Children : A Prospective Longitudinal Study.

Session 2023-2026

1. **Dr. Azra Khatun** : Outcome of Peritoneal Dialysis Among Infants; Prospective Cohort Study
2. **Dr. Tenzing Sherab Bodh** : Congenital Heart Disease : Age of Dagnosis And Established Risk Factors a Cross Sectional Observational Study Done in Medical College and Hospital of West Bengal
3. **Dr. Arghya Pratim Saha** : Clinico-Epidemiological Profile and Etiology of Children Presenting with Prolonged Fever in a Medical College of West Bengal
4. **Dr. Astha Modi** : Observational Study of Neonatal Hyperbilirubinemia Admitted for Conventional Management and Six Months Follow Up
5. **Dr. Maitreyee Mondal** : A Comperative Study Between High Dose Short Course Oral Prednisolone and Conventional Low Dose Oral Prednisolone in The Management of Newly Diagnosed Immune Thrombocytopenic Purpura in Children
6. **Dr. Manojit Mandal** : Viral Profile and The Outcome of Lower Respiratory Tract Infection Among Under-Five Children Admitted In Pediatrics Department of a Tertiary Care Hospital in Kolkata
7. **Dr. Arnab Roy** : Evaluation of Effect of Increased Duration upto 90 Minutes of Immediate Skin to Skin Contact to Healthy Term Neonates Through Point of Care Quality Improvement Initiate
8. **Dr. Pratik Mukherjee** : Etiology, Profile and Prognosis of Children with Severe Encephalopathy Requiring and Not Requiring Mechanical Ventilation : A Longitudinal Study in a Tertiary Care Centre of West Bengal
9. **Dr. Bishal Saha** : A Study to Evaluate the Role of Paediatric Early Warning Score (PEWS) System at Paediatric Emergency Department and Inpatient Ward

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. 17th IAP Pediatric Quiz for Postgraduates College Round 2024
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. 36th IAP Pediatric Quiz for Undergraduates 2023 College Round
8. DNB Examination

Major Research Project

- A. Safety & Efficacy of Rituximab vs. CNNI in Children with Idiopathic Nephrotic Syndrome.
Principal Investigator : Dr Biswanath Basu.
Co-Investigator : Prof. T K Sinhamahapatra, Dr. Samiran Panda.
- B. Development and Validation of a Non-Invasive Non-Contact Robust Portable handheld Device for simultaneous Measurement of three blood parameters (Bilirubin, Haemoglobin and Oxygen Saturation)
Junior Research Fellow : 1, Senior Research Fellow : 1
- C. Preclinical Studies to Investigate Citrate Functionalized Tri-Manganese Tetraoxide Nanoparticles for its Bilirubin Reduction Properties for Risk of Severe Neonatal Hyperbilirubinemia.
Project Research Scientist-I (Non-Medical): 1 Tithi Dutta

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 Asim Kumar Mallick

1. Serving as Examiner, Adjudicator, Paper setter
2. In-charge of 'Sick Neonatal care Unit (SNCU) and Neonatal Intensive Care Unit (NICU)'.

3. 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.
4. 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

1. Serving as Guide for Post graduate students
2. Reviewer of many National and International Medical Journal
3. Appointed as chairperson in many CME organized by National and local body in Pediatrics.
4. 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.
5. Appointed as Internal Examiner cum Convenor for Final MBBS Part II, 2021

Dr Biswanath Basu

1. Advisor of BOARD OF ADVISORS of European Renal Association – European Dialysis and Transplant Association (ERA EDTA)
2. Trainer & Member: Young Nephrologists' Platform (YNP) of European Renal Association – European Dialysis and Transplant Association (ERA EDTA)
3. 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.
4. First in INDIA : Dedicated latest pediatric hemodialysis (Fresenius 5008 with Pediatric software) machine
5. First in Eastern INDIA: Automated Peritoneal Dialysis in Newborns.
6. Initiation of home based peritoneal dialysis program under PMNDP
7. Establishment and Initiation of peritoneal dialysis unit in Pediatric department

Dr. Sanjay Halder

1. In-charge of Pediatric Thalassemia Care Unit
2. Publications in various national and international journals
3. External examiner of 3rd Professional Part II, Final Examination 2021, 2022
4. Non-examiner co-ordinator of DNB practical examination

Dr Manik Mondal

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

Publications

1. Clinico-demographic and hepatic profile as outcome predictor in scrub typhus in pediatric age group. T Kundu, R Purkait, M Mondal, S Sen, Asian Journal of Medical Sciences, 2023
2. D. Pal, D. Bhattacharyya, A. S. A. Ahmed, A. K. Mallick, M. M. Al-Rooqi, Z. Moussa, S. A. Ahmed and S. K. Pal "Chitosan functionalized Mn₃O₄ nanoparticles counteracts ulcerative colitis in mice through modulation of cellular redox state", Commun. Biol. (In Press).
3. L. Roy, A. Banerjee, N. Bhattacharyya, S. Mondal, R. Ghosh, M. Das, R. T. Goswami, K. Bhattacharya, A. K. Mallick, A. Chattopadhyay and S. K. Pal "Radiolucency in conventional X-ray imaging leads potential diagnosis of hypoxia in human organ", J. Med. Case Rep. 4 (2023) 2261.
4. A. Banerjee, R. Ghosh, S. Singh, A. Adhikari, S. Mondal, L. Roy, S. Midya, S. Mukhopadhyay, S. S. Chowdhury, S. Chakraborty, R. Das, J. H. Al-Fahemi, Z. Moussa, A. K. Mallick, A. Chattopadhyay, S. A. Ahmed and S. K. Pal "Spectroscopic studies on a natural biomarker for the identification of origin and quality of tea extracts for the development of a portable and field deployable prototype", Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 299 (2023) 122842.
5. A. Adhikari, V. K. Bhutani, S. Mondal, M. Das, S. Darbar, R. Ghosh, N. Polley, A. K. Das, S. S. Bhattacharya, D. Pal, A. K. Mallick and S. K. Pal "A Nanoceutical Agent for Chemoprevention of Bilirubin Encephalopathy", Pediatric Research 93 (2023) 827–837.
6. A. Banerjee, N. Bhattacharyya, R. Ghosh, S. Singh, A. Adhikari, S. Mondal, L. Roy, A. Bajaj, N., Ghosh, A. Bhushan, M. Goswami, A. S. A. Ahmed, Z. Moussa, P. Mondal, S. Mukhopadhyay, D. Bhattacharyya, A. Chattopadhyay, S. A. Ahmed, A. K. Mallick and S. K. Pal "Non-invasive estimation of hemoglobin, bilirubin and oxygen saturation of neonates simultaneously using whole optical spectrum analysis at point of care", Scientific Reports. 13 (2023) 2370.
7. Improving the number of babies receiving Kangaroo mother care in post-natal ward among neonates weighting between 1.8 kg to 2.5 kg in a tertiary neonatal unit of eastern India Dr. Shrabani Mandall, Dr. Sandipan Sen², Dr. Rahul Deb Mandal³, Dr. Kajal Kumar Patta^{a*}, Dr Kishore P Madhwani

Pediatric Surgery

FACULTY MEMBERS

PROFESSORS

Dr. Kalyani Saha Basu - HOD

Dr. Dipak Ghosh

ASSOCIATE PROFESSOR : Dr. Pankaj Kumar Halder

ASSISTANT PROFESSORS

Dr. Nirup Kumar Biswas, Dr. Hinglaj Saha, Dr. Poonam Guha Vaze

SENIOR CONSULTANT : Prof. (Dr.) Koushik Saha

JUNIOR CONSULTANT : Dr. Tanusree Kundu

MEDICAL OFFICERS

Dr. Achyuta Prasad Goswami, Dr. Ranjit Saha, Dr. Subhankar Das, Dr. Debjani Das

SENIOR RESIDENT (on Bond)

Dr. Koushik Deb, Dr. Lalhou Neilasano, Dr. Yadhu Rajan R, Dr. Mageswaran

SENIOR RESIDENT (Non Bond)

Dr. Kumar Mayank

POST DOCTORAL TRAINEES (MCh Student)

Dr. Debalina Karmakar, Dr. Saikat Chakraborty, Dr. Debayan Ganguly,

Dr. Madhurima Mandal, Dr. Saswata Barenya

NON - TEACHING STAFF

Sanu Ghosal

1. List of MCh Students in Respective Dissertations : **2022 : 2 (Out of 6)**
2. List of MCh Students & Respective Dissertations : **2023 : Nil (Out of 6)**
3. List of MCh Students & Respective Dissertations : **2024 : 3 (Out of 6)**

Year 2022 & 2024

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.
3. **Dr. Debayan Ganguly** : Effect of terazosin after posterior urethral valve fulguration in pediatric age group-a follow up study.
4. **Dr. Madhurima Mandal** : Clinical outcomes and Complications of Congenital Pouch Colon Undergoing Single Stage Operative Procedure-A Prospective Observation Study.
5. **Dr. Saswata Barenya** : Predictive Accuracy of Pre-operative Superior Mesenteric Artery Resistive Index in Selecting Mode of Surgical Intervention for Ileo-colic Intussusceptions among Paediatric Age Group.

Publications

1. Acellular Bovine pericardial Patch for difficult abdominal closure in Paediatric population: Our experience with review of literature

Performance Report Last 1 (One) year :

1. Total Admission in Last One Year : 4261
2. Neonatal Admission in Last One Year : 1056
3. Total Operation in Last One Year : 4228
4. Neonatal Operations in Last One Year : 915

Conference Attended - Paper Presentation

1. *Dr. Debalina Karmakar*
PSACON 2024 1st Prize in PG Prize Paper Category.
1st Prize in J N Sengupta Award Category
2. *Dr. Debayan Ganguly*
An Interesting Case of Synovial Sarcoma (WB PSACON 2024)
3. *Dr. Saikat Chakraborty*
Internal Hernia in Children Diverse Presentations (PSACON 2024)
4. *Dr. Debalina Karmakar*
Rare type of Extrophy Variant with Multiple Congenital Anomalies : A Case Report SPUCON 2024 (National Conference) Presented & Poster
5. *Dr. Saikat Chakraborty*
A Rare Case of Caudal Duplication (SPUCON 2024).
Diverse presentations of bladder diverticulum (SPUCON 2024)
6. Urethral Duplication with Three Urinary Streams (SPUCON 2024)
7. Received IAPS Next Gen Award for Year 2024

Dr. Debayan Ganguly

Academic activities

1. Prof. Kalyani Saha Basu, HOD, Paediatric Surgery completed BCME Course July 2024
2. Dr. Nirup Kumar Biswas, Assistant Professor, Paediatric Surgery completed BCME Course July 2024
3. Dr. Hinglaj Saha, Assistant Professor, Paediatric Surgery completed BCME Course July 2024
4. Prof. Dipak Ghosh, Paediatric Surgery completed BCBR Course January 2024
5. Dr. Debjani Das MS, MCh, passes of DNBE exam with distinction
6. Dr. Debalina Karmakar Passes MRCS (England) Exam June 2024
7. WBPSA – Bimonthly clinical meeting April 2024, 10 cases were presented by PDTs of NRSMCH, IPGMER, ICH

Pharmacology

FACULTY MEMBERS

PROFESSORS

Dr. Pragnadyuti Mandal - HOD
Dr. Arijit Ghosh

ASSISTANT PROFESSORS

Dr Subhradipta Bhattacharyya

DEMONSTRATOR

Dr. Subir Mukhopadhyay, Dr. Tanvir Ahmed

POST GRADUATE TRAINEES (3rd Year)

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

POST GRADUATE TRAINEES (2nd Year)

Dr. Niyamatullah Sk., Dr. Purva Anil Rathod, Dr. Chandan Malik

POST GRADUATE TRAINEES (1st Year)

Dr. Leena Biswas, Dr. Mriganka Bandyopadhyay, Dr. Soumik Biswas

NON - TEACHING STAFF

SENIOR PHARMACOVIGILANCE ASSOCIATE OF ADR MONITORING CENTRE

Mr Anindya Banerjee

TECHNICIANS CUM LABORATORY ATTENDANT

Mrs Ratnasona Biswas

GDA & ANIMAL HOUSE ATTENDANTS

Mr Anil Chandra Das, Mr Anil Dutta, Mr Tajul Mandal

SWEEPERS

Mr Prem Lal Serestha

Dissertations

1. 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. (Prof.) Supreeti Biswas, Dr. Runa Bal, Dr. Suman Chattopadhyay.
2. 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, Dr. Ananya Mandal.
3. 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, Dr. (Prof) Supreeti Biswas.
4. 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. (Prof.) Supreeti Biswas, Dr. (Prof.) Jaydip Deb, Dr. Subhradipta Bhattacharyya.

5. 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. (Prof.) Arijit Sinha, Dr. Suman Chattopadhyay.
6. 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 the Guidance of Dr. Arijit Ghosh, Dr. Suchibrata Das (Associate Professor, Dept. of Dermatology).
7. Pattern of dosing of Carbimazole and its outcome in patients with Graves disease in an Endocrinology outpatient Department of a tertiary care hospital. Dr. Niyamatullah Sk under the Guidance of Prof (Dr) Prangadyuti Mandal, Dr Soumik Goswami, Dr Suman Chattopadhyay.
8. Assessment of Pattern of Prescribed Drugs in Nociceptive and Nociceptive Chronic Pain in Outpatient Department of Physical Medicine and Rehabilitation - an Observational Cross Sectional Study. Dr. Chandan Malik Under the Guidance of Dr. Arijit Ghosh, Dr. Saumen Kumar De, Dr Suman Chattopadhyay.
9. Study of Drug Utilization in Patient with acne vulgaris Attending Dermatology Outpatient Department of A Tertiary Hospital. Dr. Purva Anil Rathod Under the Guidance of Dr. Ananya Mandal, Dr. Suchibrata Das, Dr. Suman Chattopadhyay.
10. Pattern of Use, Response and Safety of Dapagliflozin in Patients with Type 2 Diabetes Mellitus: A Cross Sectional Descriptive Study. Dr. Devroop Sarkar Under the Guidance Dr. Ananya Mandal, Prof (Dr) Nilanjan Sengupta.

Publications

1. Assessment of the use of antibiotics based on the WHO access, watch, and reserve index in a multidisciplinary intensive care unit of a medical college in Eastern India. Mandal P, Kayal A, Saha D, Debbarma P, Mazumder A. *Natl J Physiol Pharm Pharmacol*. 2024; 14(10): 2051-2057.
2. Mandal P, Asad M, Kayal A, Biswas M. Assessment of use of World Health Organization access, watch, reserve antibiotics and core prescribing indicators in pediatric outpatients in a tertiary care teaching hospital in Eastern India. *Perspect Clin Res* 2023;14:61-7.
3. Gangopadhyay T, Nath S, Banerjee S, Mandal P, Khatua DK. Antibiotic consumption in a tertiary care hospital during the pre-COVID-19 and COVID-19 years: A pharmacy-based, retrospective study. *Hamdan Med J*. DOI: 10.4103/hmj.hmj_82_23.
4. Datta D, Kundu R, Chakraborty S, Mandal P, Mondal SK. The involvement of metastasis in immunosuppression: A new frontier in prostate cancer personalized immunotherapy. *Acta Scientific Medical Sciences*. 2024;8(11):25-40.
5. Das R, Chattopadhyay S, Mandal A. Knowledge regarding snakebite and its management among second year nursing students. *J Clin of Diagn Res*. 2022; 16(7):FC07-9.
6. Mandal A, Gangopadhyay T, Mandal S. Drug utilization study in a radiotherapy unit of a tertiary care teaching hospital in rural West Bengal, India. *Asian J Pharm Clin Res* 2022;15(11):126-30.
7. Chattopadhyay S, Mandal A, Das R, Ghosh A, Mondal SB. Report Based Antibiotic Sensitivity Pattern of Community Acquired Urinary Tract Infection in Rural Bengal. *Nat J Physiol Pharm Pharmacol* 2023;13(3):479–84.
8. Mandal A, Kundu T S, Chattopadhyay S. Reflective writing as a learning tool for Phase IIMBBS students in India. *Nat J Physiol Pharm Pharmacol* 2023;13(3):504–8.
9. Bhattacharyya S, Ghosh Arup. An observational study for evaluation of antibiotic utilization and growing resistance against antibiotics in pediatric patients suffering from meningitis in a tertiary care hospital. *Asian J of Med Sci* 2023; 14(6): 176–81.

10. Saha M, Mandal A, Chattopadhyay S, Ghosh A, Mondal SB. Drugs used in patients with heart failure in a tertiary care center – A drug utilization study. *Natl J Physiol Pharm Pharmacol.* 2023; 13(10): 2135-40.
11. Biswas S, Mandal A, Chattopadhyay S, Ghosh A. A study to assess students' performance in theory and practical components of final summative pharmacology examination in Non-CBME and CBME curriculum. *Natl J Physiol Pharm Pharmacol.* 2024; 14(3): 557-560.
12. Saha M, Bandyopadhyay M, Mandal A, Ghosh A, Mandal P, Chattopadhyay S. Bullous pemphigoid associated with the use of DPP-4 inhibitors: A case series. *Natl J Physiol Pharm Pharmacol* 2024; 14(9): 2012-6.

Conferences & CME Programs Arranged by the Department (Pharmacology)

1. Dr. Pragnadyuti Mandal and Dr. Arijit Ghosh were invited speakers in the webinar organized by IPS West Bengal Branch in celebration of Fourth "National Pharmacovigilance week" from 17th to 23rd September 2024 sensitizing MBBS students, PG students, Clinicians, Patients, Administrators and other stakeholders.
2. Dr. Arijit Ghosh and Dr. Ananya Mandal acted as speakers in the "Workshop on Synopsis writing for first year post graduate students" organized in collaboration with Medical Education Unit, NRSMC on 19th April 2023.
3. The Department of Pharmacology has organized one day hands-on training and workshop on Pharmacovigilance and Vigiflow for Pharmacology Postgraduate students from Calcutta National Medical College, Sagore Dutta Medical College and Nilratan Sircar Medical College on 27th June.2023. Dr.Arijit Ghosh, Dr. Ananya Mandal and Dr. Suman Chattopadhyay acted as facilitators.
4. The Department of Pharmacology has observed the third "National Pharmacovigilance week" from 17th to 23rd September 2023 sensitizing MBBS students, BSc. Nursing students, Community Pharmacist, Clinicians, Patients, Administrators and other stakeholders.
5. The Department of Pharmacology has organized regular Prescription Audit drives for the purpose of ongoing National Programs such as MUSQAN & LaQshya.

Achievements by the Faculty members & students : Pharmacology Department

Achievement by the Faculties & Students

Prof. (Dr.) Pragnadyuti Mandal

1. Invited Speaker in the webinar organized by IPS West Bengal Branch in celebration of Fourth "National Pharmacovigilance week" from 17th to 23rd September 2024.
2. Invited Speaker in Workshop on GCP & NDCTR 2019 in topic Safety reporting in Clinical Trials Held on Calcutta National Medical College, on 26th September, 2024.
3. Delegate in the Research Society for the Study of Diabetes in India (RSSDI), West Bengal 2024 conference in Kolkata West Bengal on 9.8.2024.
4. Invited Speaker in Workshop on GCP & NDCTR 2019 in topic Safety reporting in Clinical Trials Held on JIMS Medical College, Chakdah, Nadia on 15th July 2024.
5. Chairperson in HOPECON in Medical Pharmacology and Therapeutics Session held on June 28-30, 2024 at ITC Royal Bengal, Kolkata.
6. Invited Speaker in Workshop on Fundamentals in Prescribing Module, Aliah College of Nursing, Aliah University Kolkata on 13th June 2024.
7. Invited Speaker in Workshop on GCP & NDCTR 2019 in topic Safety reporting in Clinical Trials Held on NRSMC, Kolkata on 23rd February, 2024.
8. Invited as Chairperson & Delegate at 30th Annual Conference of Indian Pharmaceutical Society & Eastern Zonal Colloquium, held on 10th& 11th March, 2023 at WBUAFS, Kolkata.

9. Invited as Moderator on Guest Lecture on current CBME Guidelines and Assessment in Medical Education on 4th July, 2023 at Silchar Medical College and Hospital, Silchar, Assam.

Prof. (Dr.) Arijit Ghosh

1. Member of the Antimicrobial Resistance (AMR) Working group, and member of the Interdepartmental task force for AMR containment and preparation of SAP-CAR of Govt of West Bengal.
2. Participated in WBIPSCON 2024 and HOPECON 2024 as guest speaker and resource person.
3. Acted as speakers in the "Pharmacovigilance Workshop" held at ADR Monitoring Centre Nil Ratan Sircar Medical College, West Bengal for B. Pharm students from 02.02.2023 to 07.02.2023 and "Pharmacovigilance Workshop for MD Pharmacology PGTs" on 27.06.2023.
4. Have attended the State conference of Indian Pharmacological Society, 10th to 11th March 2023.
5. Successfully completed "Basic Course in Medical Education" workshop at Andhra Medical College and King George Hospital from 12.09.2023 to 14.09.2023.
6. Dr. Arijit Ghosh and Dr. Ananya Mandal have acted as facilitators in "Revised Basic Course Workshop" in Medical Education Technologies conducted by Jorhat Medical College, Jorhat Regional Center for Medical Education Technologies held at NRS Medical College, Kolkata from 24th to 26th November 2022 and 1st to 3rd February 2023.
7. Dr. Arijit Ghosh, Dr. Ananya Mandal have completed online training on "Good Clinical Practice and Ethics in Clinical Research" organized by Department of Pharmacology, Medinipur Medical College, Medinipur on 15.12.2022.

Dr. Ananya Mandal

1. Participated in WBIPSCON 2024 and HOPECON 2024 as guest speaker and resource person
2. Acted as speaker in the State conference of Indian Pharmacological Society, 10th March 2023.
3. Dr. Arijit Ghosh, Dr. Ananya Mandal have completed online training on "Good Clinical Practice and Ethics in Clinical Research" organized by Department of Pharmacology, Medinipur Medical College, Medinipur on 15.12.2022.
4. Dr. Ananya Mandal attended Advance Level Training in Pharmacovigilance organized by IPGMER on 08.12.2022.
5. Dr. Ananya Mandal was one of the speakers in session on "Formation of Skill Lab in a Medical College" at HopeCon 2023 organized on 30th June 2023.

Dr. Suman Chattopadhyay

1. 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.
2. Dr. Suman Chattopadhyay attended the Training programme on "Good Clinical Practice" held at Institute of Health & Family Welfare, Kolkata on 24.05.2023.
3. Dr. Suman Chattopadhyay has given Guest Lecture on "Role of Principal Investigator in a Clinical Trial" and "Pharmacogenetics and Pharmacogenomics" at Silchar Medical College, Silchar.

Dr. Devroop Sarkar (1st year PGT) was awarded 2nd Prize in Oral Presentation in HOPECON 2024. 29th June 2024. Title of the Topic: Prescription audit from in-patient department of pediatric medicine in a tertiary care teaching hospital: A six-month record-based study.

ICMR-STs Project Completed by the Students :

1. Ayushi Ganguly (MBBS Phase II student) has completed ICMR-STs Project 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)

2. Liya Bhowmik (MBBS Phase II student) has completed ICMR Project 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).

Ongoing Clinical Trial

Dr. Suman Chattopadhyay is working as Co-Investigator in “Comparison of Effectiveness and Safety of Ipeglimin and Metformin monotherapy in type 2 Diabetes Mellitus: A Randomised Open Label Parallel Group Phase IV Controlled Trial” in collaboration with Dept of Endocrinology, NRS Medical College & Hospital, Kolkata.

Ongoing Projects by MBBS Students

1. Shreeja Dutta (MBBS Phase II student) under guidance of Dr. Ananya Mandal, Dr. Arijit Ghosh & Dr. Swagata Ganguly is working on a student research project titled “Comparison of antimicrobial sensitivity pattern of samples from surgical sites, before and during COVID pandemic from Eastern India: A critical insight”
2. “Assessment of Etiology and Pharmacotherapy of Patients with Anaemia in Chronic Myeloid Leukemia: Challenges and Opportunities in Government Hospital”: By Ritadeepa Jana (MBBS Phase II student) under the guidance of Dr. Ananya Mandal, Dr. Arijit Ghosh & Dr. Suman Chattopadhyay
3. “Use of insulin in paediatric patients with diabetes mellitus: Knowledge attitude and practice among patients and caregivers”: By Shuvojoyoti Rakshit (MBBS Phase II student) under the guidance of Dr. Arijit Ghosh, Dr. Ananya Mandal, Dr. Suman Chattopadhyay
4. “Assessment of adherence and Adverse drug reactions to the kits, supplied by NACO used for treatment for Non-HIV-veneral disease in female patients”: By Debasreeta Siddhanta (MBBS Phase II student) under the guidance of Dr. (Prof) Supreeti Biswas Mondal, Dr. Arijit Ghosh, Dr. Ananya Mandal, Dr. Suman Chattopadhyay
5. “Appropriate use of statins as per recent guidelines among patients of type 2 Diabetes Mellitus: A critical insight” By Sounak Samanta (MBBS Phase III Part 1 student) under the guidance of Dr. Suman Chattopadhyay, Dr. Arijit Ghosh & Dr. Ananya Mandal
6. “Pattern of Drug use among bronchial asthma patients in a tertiary care hospital in hospital” by Suchisubhra Roy (MBBS Phase III Part 1 student) under the guidance of Dr. Ananya Mandal, Dr. Arijit Ghosh & Dr. Suman Chattopadhyay.

Presentations in National / State Conferences (Oral/Poster)

1. Dr. Devroop Sarkar, Dr. Ananya Mandal, Dr. Arijit Ghosh, Dr. Pragnadyuti Mandal. Prescription audit from in-patient department of pediatric medicine in a tertiary care teaching hospital: A six-month record-based study. HOPECON 2024. 29th June 2024. Oral Presentation.
2. Dr. Leena Biswas, Dr. Ananya Mandal, Dr. Supreeti Biswas, Dr. Arijit Ghosh, Dr. Suman Chattopadhyay, Anindya Banerjee: A short assessment of communication and demonstration skills regarding use of Metered Dose Inhaler among Phase-II MBBS students: Oral Presentation in NEMPSCON 2022 on 15.12.2022.
3. Dr. Mriganka Bandyopadhyay, Dr. Ananya Mandal, Dr.(Prof) Arijit Ghosh, Dr. Suman Chattopadhyay, Dr. Purva A Rathod, Dr. Niyamatullah Sk, Dr. Chandan Malik, Dr.(Prof) Supreeti Biswas Mondal: Assessment of Completeness of Protocols Submitted for Research Studies in a Teaching Hospital: Oral Presentation in NEMPSCON 2022 on 15.12.2022.
4. Dr. Soumik Biswas, Dr. Ananya Mandal, Dr. Arijit Ghosh, Dr. Suman Chattopadhyay, Anindya Banerjee, Dr. Supreeti Biswas: “Comparison of Students' Performance in Theory & Practical Components of Final Summative Pharmacology Examination in Non-CBME and CBME curriculum” Oral Presentation in NEMPSCON 2022 on 15.12.2022.

5. Dr. Purva Anil Rathod, Dr. Ananya Mandal, Dr. Suman Chattopadhyay, Dr. Arijit Ghosh, Dr. Pragnadyuti Mandal :“Pattern of Adverse drug Reaction Reports Submitted From External Sources to ADR Monitoring Centre At NRS Medical college: Record Based Study”.Poster Presentation in HOPECON 2023 on 30.06.2023.
6. Dr. Purva Anil Rathod, Dr. Suman Chattopadhyay, Dr. Suchibrata Das, Dr.Arijit Ghosh ,Dr. Ananya Mandal, Dr. Subhradipta Bhattacharyay, Dr. Supreeti Biswas. “Evaluation of Response to Use of NACO Supplied Kits among Patients With STI in Dermatology OPD: A Pilot Study” in IPSEZCON 2023 on 10.03.2023.
7. Dr. Chandan Malik, Dr. Suman Chattopadhyay, Dr. Ushnish Mukherjee, Dr. Subhradipta Bhattacharyya, Dr. Arijit Ghosh, Dr. Ananya Mandal, Dr. Supreeti Biswas, Dr. Partha Pratim Das “Assessment of Pattern of Prescribed Analgesics and Their Effects on Chronic Pain - A Cross Sectional, Observational Study” in IPSEZCON2023 on 11.03.2023.
8. Dr. Niyamatullah Sk, Dr. Subhradipta Bhattacharyya, Dr. Suman Chattopadhyay, Dr. Nilanjan Sengupta, Dr. Arijit Ghosh, Dr. Ananya Mandal, Dr. Supreeti Biswas: “Evaluation of use of statins in patients with adult Type-2 diabetes mellitus in Endocrinology outpatient department” Oral Presentation in IPSEZCON2023 on 11.03.2023.
9. Dr. A. Majumder A, Dr. D. Saha, Dr. Pragnadyuti.Mandal. Lithium induced Stevens Johnson Syndrome/ Toxic Epidermal Necrolysis (SJS/TEN) overlap: A rare case report. Oral Presentation in the 30th Annual Conference of Indian Pharmacological Society, West Bengal & Eastern Zonal Colloquium, 2023. 10-11 March, 2023.
10. Dr. P. Debbarma, Dr. D. Saha, Dr. Pragnadyuti Mandal, Dr. S M Naser. Evaluation of adverse drug reaction (ADR) in a ADR monitoring center (AMC) of a tertiary care teaching hospital in Kolkata, India. Oral Presentation in the 30th Annual Conference of Indian Pharmacological Society, West Bengal & Eastern Zonal Colloquium, 2023. 10-11 March, 2023.
11. Dr. R. Mandal, Dr. Pragnadyuti Mandal, Dr. D. Saha , Dr. SM Naser, Dr. A. Kayal. Assessment of use of antimicrobial agents based on WHO Access, Watch, Reserve (AWaRe) index in a multidisciplinary ICU of a tertiary care hospital in Eastern India. Oral Presentation in the 30th Annual Conference of Indian Pharmacological Society, West Bengal & Eastern Zonal Colloquium, 2023. 10-11 March, 2023.
12. Dr. Akhtar N, Dr. S. Saha, Dr. PragnadyutiMandal. Divalproex induced alopecia- two distinct case reports. Oral Presentation in the 30th Annual Conference of Indian Pharmacological Society, West Bengal & Eastern Zonal Colloquium, 2023. 10-11 March, 2023.
13. Dr. Soumik Biswas, Dr. Leena Biswas and Dr. Mriganka Bandyopadhyay have completed Basic course in Biomedical Research.
14. Dr. Leena Biswas, Dr. Soumik Biswas&Dr. Mriganka Bandyopadhyaycompleted Good Clinical Practice (GCP) workshop on 1st November 2022.
15. Dr. Niyamatullah Sk completed Good Clinical Practice (GCP) workshop on 15th December 2022.
16. Dr. Chandan Malik and Dr. Purva Anil Rathod completed Good Clinical Practice (GCP) workshopat Institute of Family Health & Welfare on 24th May 2023.

Physical Medicine & Rehabilitation

FACULTY MEMBERS

PROFESSOR

Dr Partha Pratim Das - HOD

ASSOCIATE PROFESSOR

Dr. Saumen Kumar De

ASSISTANT PROFESSORS

Dr. Sandipan Hazra, Dr. Keshab Mondal

SENIOR RESIDENT

Dr Saswato Majumdar

HOUSESTAFF

Dr. Baarniki Debnath (Non - Academic JR)

POST GRADUATE TRAINEES (1st Year)

Dr Aleesha Shajahan, Dr Nibedita Malik, Dr Subrata Pahari

NON - TEACHING STAFF

PHYSIOTHERAPIST

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

GROUP D STAFF

Mr Badal Kanti Mridha

CONTRACTUAL GROUP D STAFF

Mr Rabindra Nath Malik, Mrs Mithu Bhowmick

CME Arranged by the Department

1. Assessment of Hand Rehabilitation.
2. Movement Disorders & Rehabilitation Management.
3. Biomechanics of Shoulder Disorders
4. Interventional Management in Low Back Pain.

Total No of USG guided Soft Tissue & Rheumatological Injection till September : 346 (2024)

Total No of USG guided Nerve Blocks & Spinal Procedure till September : 77 (2024)

Total No of USG guided Botulinum Toxin A Injection till September : 8 (2024)

Publications

1. Handa, G., Hazra, S. & Chalageri, P.H. WHO Systematic Assessment of Rehabilitation Situation (STARS): A systematic review on the status of stroke rehabilitation in India. Curr Phys Med Rehabil Rep (2023). <https://doi.org/10.1007/s40141-023-00418-2>
2. Book Chapter : Hazra S, Handa G. Spasticity in IAPMR textbook of PM&R (Under Publication)

3. Handa G, Hazra S, Chalageri PH. WHO Systematic Assessment of Rehabilitation Situation (STARS) : A systematic review on the status of stroke rehabilitation in India. Current Physical Medicine and Rehabilitation Reports. 2023 Dec;11(4):410-23.
4. "Effectiveness of Low Level Laser Therapy Against Mirror Therapy in Post - Stroke Complex Regional Pain Syndrome type 1 stage 1" by Dr Saumen Kumar De, Associate Professor, Dept of PM&R, NRSMC, Kolkata

Synopsis

1. "Effect of Intravenous Lidocaine in Chronic Nociceptive Non-specific Low Back Pain - A Randomised Controlled Trial" by Dr Subrata Pahari, PGT, Dept of PM&R, NRSMC
2. "Gait Performance in Ambulant Children with Cerebral Palsy - A Cross Sectional Observational Study" by Dr Aleesha Shajahan, PGT, Dept of PM&R, NRSMC
3. "Efficacy of USG Guided Genicular Nerve Block with Aqueous Phenol (6%), Ethyl Alcohol (95%), & Triamcinolone (20MG) with Lignocaine (2%) - A Randomized Controlled Trial" by Dr Nibedita Malik, PGT, Dept of PM&R, NRSMC

Regional Artificial Limb Fitting Center (RALFC) : Staff

1. MOIC : Vacant
2. Head Clerk : Mr Sankar Majumdar
3. Store in Charge : Mr. Arup Patsa
4. Prosthetist & Orthotist : Mr. Kanhaiya Kumar Singh
5. Prosthetics Technician : Mr. Sankar Mondal, Mr. Kabirul Islam,
6. Orthotics Technician : Vacant
7. Orthopedic Footwear Technician : Mr. Rabi Raha, Mr. Sanjoy Biswas
8. Workshop & Office Assistant : Mr. Romio Pakrey, Mr. Sudeb Maji, Mr. Prasenjit Adhikary
9. Occupational Therapist : Mrs. Shibani Ash

Activity at the RALFC in the Past Year

1. RALFC Registered Patient - 435 During Period November - 2023 to October 2024
2. Total no of Patients Catered Prosthesis, Orthosis & Orthopaedics Foot = 190
3. Occupational Therapist Innervation Provided = 160

Sl no .	Delivered	Under Process
Prosthesis	45	32
Orthosis	79	49
Orthopedics Footwear	66	22
Total No	190	103

Physiology

FACULTY MEMBERS

PROFESSORS

Dr. Azizul Hai - HOD
Dr. Suranjana Sur Mukherjee

ASSOCIATE PROFESSORS

Dr. Md. Selim Uz Zaman, Dr. Anirban Mazumder

ASSISTANT PROFESSORS

Dr. Hiya Bhattacharya

DEMONSTRATOR

Dr. Md Shahid Rafi Khan, Dr. Sangita Ghosh

NON - TEACHING STAFF

M .T (LAB)

Mrs. Payel Chakraborty

LDC

Mr. Pinku Biswas

G.D.A.

Mr. Prodip Aich, Mr. Surendar Das

SWEEPER

Mr. Suresh Mallick

Publications

1. Hand grip strength in young adults and its relation with anthropometry: A study in parts of eastern India. Md. Salim Uz Zaman¹, Soumedhik De²
¹Department of Physiology, N R S Medical College, Kolkata, West Bengal, India.
²Department of Anatomy, Malda Medical College, Malda, West Bengal, India.
Correspondence to: Md Salim Uz Zaman. Email: salimzamandr@gmail.com
Received: April 07, 2023; Accepted: March 05, 2024.
2. Abhinandan Majumder (MBBS II) has won the prestigious STS-2023 Scholarship, Reference ID 2023-05661, under the guidance of Prof Dr Suranjana Sur Mukherjee, Department of Physiology, NRSMCH. The title of his article being "Study to assess the changes in the pulmonary function tests among the subclinical hypothyroid patients before and after L-thyroxine therapy".
3. Sreemoyee Nath and Soumyajit Ghosh won the third prize in 10th APPICON inter-college poster presentation competition 2023. The topic of presented poster was "Effector Cells of Innate Immunity".

Plastic & Reconstructive Surgery

FACULTY MEMBERS

PROFESSOR

Prof. (Dr.) Vedula Padmini Saha

ASSOCIATE PROFESSOR

Dr. Dibyendu Das

ASSISTANT PROFESSORS

Dr. Amitava De, Dr. Biswajit Mondal

RMO CUM CLINICAL TUTOR

Dr. Shubhra Datta

SENIOR RESIDENTS

Dr. Tejinder Singh

POST GRADUATE TRAINEES (3rd Year)

Dr. Passang Rai

POST GRADUATE TRAINEES (2nd Year)

Dr. Subhrajeet Ganguly

POST GRADUATE TRAINEES (1st Year)

Dr. Alladi S Jyoti Swaroop

NON - TEACHING STAFF

Mr. Bapan Dewan

Dissertations

1. Dr. Esha Arora : A Study on Outcome Assessment of Delayed Peripheral Nerve Injury Repair of The Upper Extremity.
2. Dr. Tejinder Pal Singh : A Study on The Various Modalities Used in The Reconstruction of Leg Defects in Post-Road Traffic Accidents.
3. Dr. Passang Rai : A Study on The Perforator Flaps for Reconstruction of Traumatic Lower Limb Defects

Achievements by the Faculties or Students

1. PRP treatment for hair thinning & diabetic foot ulcers.
2. Botox application in skin wrinkles & hyperhidrosis of palm & axilla.
3. Microvascular procedures using Microscope.
4. Liposuction guided management of gynaecomastia, abdominoplasty.
5. Nano Fat Grafting in depressed wounds & skin rejuvenation.

Psychiatry

FACULTY MEMBERS

PROFESSOR

Dr. Asish Mukhopadhyay (HOD)
Dr. Prasanta Kumar Das

ASSOCIATE PROFESSOR

Dr. Ashis Debnath

ASSISTANT PROFESSOR

Dr. Siddhartha Sankar Saha

RMO CUM CLINICAL TUTOR

Dr. Sk Kamal Hassan

SENIOR RESIDENTS

Dr. Piyali Ghosh, Dr. Dipanwita Biswas, Dr. Soumen Karmakar

HOUSE STAFF

Dr. Ananyapurba Mondal, Dr. Avik Sil

POST GRADUATE TRAINEES (3rd Year)

Dr. Soham Palui, Dr. Moumita Sing, Dr. Vanlalchhuanawmi

POST GRADUATE TRAINEES (2nd Year)

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

POST GRADUATE TRAINEES (1st Year)

Dr. Shrabosti Pal, Dr. Sk Atiar Rahaman, Dr. Arnab Biswas

NON - TEACHING STAFF

CLINICAL PSYCHOLOGIST

Jayasree Sar Choudhury

U.D.C.

Suparna Dey

Dissertations

1. **Dr. Moumita Sing** : Psychiatric Comorbidities and quality of life in chronic Osteoarthritis and its Correlation with Pain Severity- Across sectional study from a Medical College in Kolkata.
2. **Dr. Vanlalchhuanawmi** : Symptoms profile and correlates of depressive disorder in children and adolescents: a cross sectional survey in a Medical College at Kolkata.
3. **Dr. Soham Palui** : Prevalence of Depression Suicidal Ideation and role of Resilience Among Medical Students in a Medical College in Kolkata, INDIA; A Descriptive Study.
4. **Dr. Shrabosti Pal** : Effect of Perceived Social Support and Expressed Emotion of Family Members on persons of Substance Use Disorder with Relapse.
5. **Dr. Arnab Biswas** : Magnitude of Anxiety, Depression and its effect on the Quality of Life among Patients with Parkinson's Disease Attending a Tertiary Care Hospital in Kolkata.

6. **Dr. Sk Atiar Rahaman** : Magnitude of Anxiety , Depression and its Effect on the Quality of Life among Patients with Irritable Bowel Syndrome Attending a Tertiary Care Hospital in Kolkata.
7. **Dr. Arpita Iaha** : Symptom Dimensions & Insight in Obsessive Compulsive Disorder.
8. **Dr. Bhaskar Das** : Across Sectional Survey on the Magnitude and Spectrum of Psychologist Morbidity in persons having gender Incongruence in an Urban setting.
9. **Dr. Rima Banerjee** : Stress, Anxiety and Depression amongst Caregiver of Dementia : Access Sectional Study

Publications

1. Psychiatric Co- Morbidity and its Associated Factors in Patients with Non Cardiac Chest Pain : A Study from a Tertiary Care Hospital, Kolkata – Abbik Sinha, Sukhendu Mondal, Asish Mukhopadhyay, Sarmila Mallik, Asish Debnath, Kantibhushan Chowdhury.
2. Attitude of Doctors Towards homosexuality at a Medical College, West Bengal, India: A Cross-Sectional Study – Asish Debnath, Shuvankar Mukherjee, Ranjan Das, Sudipta Mondal.
3. Psychiatric Co- Morbidities Among Patients of Globus hystericus Attending ENT Opd of a
4. Neurology India Giant Aneurysms: Not So Giant in Behavior 2024
5. Journal of Clinical and Diagnostic Research- Attitude of Doctors Towards Homosexuality at a Medical College, West Bengal, India: A Cross-sectional Study (2022)
6. Journal of Clinical and Diagnostic Research -Estimation of Perceived Stress among Doctors in a Peripheral Tertiary Government Medical College of West Bengal: A Cross-sectional Study (2021)
7. International Journal of Innovative Research & Development Socio Demographic Profile and Treatment Seeking Behavior of Koro Patient in an Epidemic Reported from West Bengal, India 2016
8. Indian Medical Gazette Psychiatric co-morbidities Among Patients of Globus Hystericus Attending ENT OPD of Tertiary Care Hospital 2014
9. An Epidemiological study Depression and related factors among Geriatrics in a tertiary care Hospital . Dr. S.S. Saha , Dr. P.K. Saha.
10. Relevance and clinical correlations study of Impaired glucose tolerance in MDD patients . Dr. A. Halder Dr. S. S. Saha.
11. Pituitary Microadenomas presenting with Psychiatric Manifestation case series of five patients .
12. Use of Endoxifen in BPAD patients with impaired verbal & hepatic function.
13. A study on stress, anxiety and depression among caregivers of the patients with dementia in a tertiary care hospital in eastern India, published as first author in IJSR International Journal of Scientific Research, vol 9, issue 1, 2020.
14. Work-related stressors and coping strategies during COVID-19 pandemic: a qualitative study on reflections of frontline health care workers from India.– published as third author in Social Determinant of health, vol 9, no 1, 2023.
15. Anxiety and depression in patients suffering from Globus Pharyngeus – an observational cross sectional study, published as third author in European journal of cardiovascular Medicine, issue 2, vol 13, 2023.
16. Prevalence of Behavioural and Psychological Symptoms of Dementia and its association
17. with cognitive impairment in patients presenting in Tertiary care Hospital in eastern

18. India, published as first author in Journal of Cardiovascular Disease Research, vol 15,issue 1,2024
19. 'A case of two culture bound syndromes (Koro and Dhat Syndrome) co-existing with OCD' Ghosh,Sayanti;Chowdhury,Arabinda;Indian Journal of Psychiatry;mysore vol.62,Iss 2,(Mar-Apr 2020):221-222.
20. 'Assessing Sensory Processing Disorders in a child guidance clinic with focus on ADHD'. Piyali Ghosh,Sayanti Ghosh,Sonalika Mondal,Subhendu Moulik.Eastern Journal Of psychiatry.Vol 22,No1:Jan-December 2019.
21. 'Verbal Learning in Schizophrenia in remission,first degree relatives,and correlation to symptoms'. Sunny Chattopadhyay,Om Prakash Singh ,Sayanti Ghosh.OJPAS(Open Journal of Psychiatry & Allied Sciences) Accepted:1September2020.EPub:1 September 2020
22. 'Phenomenology and Psychopathology'. Debasmita Dey, Ankita Singh,Lt Prof. CRJ Khess; International Journal of Indian Psychology: Accepted on 28 Oct 2020.
23. Karmakar S. Sarkar S. Beneficial aspects of autism stemming from enhanced visuospatial skills: Results from a comparative study in India J Psychiatry 2020;62(5): 540 DOI
24. Chakraborty A, karmakar S Impact of Covid -19 on Obsessive Compulsive Disorder (OCD) Iran J Psychiatry . 2020 Jul29;15(3)DOI : 10. 18502/ijips.v15i3.3820.
25. Bandhu A, Sarkar S, Karmakar S, Singh O. P Level of Satisfaction Towards Healthcare Services in Patient Attending Psychiatry Outpatient Department of Eastren Indian Journal of Psychological Medicine.2023;0(0).

Conference & CME Program (State/National level) Arranged by the Department : Nil

Achievement by the Students :

1. UG students under guidance of faculty members of Department
2. PG students
3. Other students doing short term projects or training under guidance of faculty members of Department

Achievement by the Faculty Members :

1. ANCIPS 2020(Annual Conference of Indian Psychiatric Society) - Paper Presentation on 25 January 'Atorvastatin as an Adjuvant Therapy in Schizophrenia and its Relation to C Reactive protein - A Randomised Placebo Controlled Open Label Study'. By Dr. Debasmita Dey(SR)
2. ANCIPS 2020 (Annual Conference of Indian Psychiatric Society) - Paper Presentation on 23 January by Dr. Sunny Chattopadhyay, Dr. Asish Mukhopadhyay, Dr. Sk Maidul Islam on 'Cognitive Deficits in Schizophrenia'
3. ANCIPS 2020 (Annual Conference of Indian Psychiatric Society) - Paper Presentation on 24 January by Dr. Sayanti Ghosh 'ADHD Puzzle Decoded Via the Sensory Pathway'
4. ANCIPS 2020(Annual Conference of Indian Psychiatric Society) - Symposium Presentation on 24 January by Dr. A. N. Chowdhury, Dr. Arabinda Brahma, Dr. Sayanti Ghosh on 'Eco Psychiatry in Sunderban Delta, India'
5. Sun PG CME 2020 (09th October 2020) : Speaker on 'Antiepileptic Drugs Induced Psychiatric & Behavioural Symptoms' By Dr.Sayanti Ghosh

Radiodiagnosis

FACULTY MEMBERS

PROFESSOR

Dr. Runa Das - HOD

ASSOCIATE PROFESSORS

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

ASSISTANT PROFESSOR

Dr. Jyotish Roy

R.M.O. CUM CLINICAL TUTOR

Dr. Sudip Kumar Das, Dr. Koustab Dakua, Dr. Biplab Debnath, Dr. Sk Abdul kuddus

SENIOR RESIDENT

Dr. Suparna Sahu, Dr. Sayantan Roy, Dr. Tanvi Priyam, Dr. Santanu Biswas

POST GRADUATE TRAINEES (3rd Year)

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

POST GRADUATE TRAINEES (2nd Year)

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

POST GRADUATE TRAINEES (1st Year)

Dr. Unmesh Adhikary, Dr. Chayan Mondal, Dr. Nikita Mudi, Dr. Anubhav Ghosh,
Dr. Karma Choppel Sherpa, Dr. Bipratip Sarkar, Dr. Ataudin Mallick, Dr. Firoj Jamal Miah

NON - TEACHING STAFF

R S O : Susmita Purkait

MEDICAL TECHNOLOGISTS

Susmita Purkait, Jayanta Pal, Debyendu Mondal, Susmita Manna, Koushik Mitra,
Chandrachur Majumder, Amit Dutta, Sandip Pal, Avijit Majumder, Dibyendu Panda,
Sulochona Gupta, Mrityunjoy Nath, Gorachand Banerjee, Subarna Chatterjee, Soumen Karak,
Sohini Thakur, Animesh Roy, Joydeb Jana, Chinmoy Dey, Nilay Manna, Ginia Biswas,
Rahul Mahapatra, Susmita Chakraborty

DARK ROOM ASSISTANT

Nilkanta Das, Bijoy Das

STORE KEEPER : Kaushik Bose

GROUP-D/GDA STAFF

Pradosh Mondal, Jaladhar Nayak, Jamuna Routh

DRD STUDENTS

Total Seats Currently : 15

2nd Years - 12

1st Years - 13

Department of Radio-Diagnosis

The Department of Radiodiagnosis at our esteemed NRSMC, since its inception, has been striving to deliver nothing but the best to the patients, who come here from far & wide. Starting with an XRAY machine followed by only one ultrasound machine in 1970s, it is now equipped with State of the art equipment's, including the latest ultrasound machines where apart from the conventional ultrasound, colour Doppler, 2D Shearwave elastography, 3D ultrasound are being done on a regular basis along with ultrasound based interventional procedures like - Biopsy, FNAC, PCNL, Pigtail catheterization. X Ray machines along with Fluoroscopy system, 16 Slice CT machine (PPP with Suraksha Diagnostics) from 2002 and a 1.5 Tesla MRI machine (PPP with Spandan) from 2010 are also present. These provide round the clock Diagnostic & Interventional Services to inpatients, OPD patients & patients presenting to the emergency. The Department currently trains 9 MD Post Graduate students & 12 DRD students annually. There are 3 batches of PG students pursuing their post graduate training here. Academics and research work goes hand in hand in the department. The students here are encouraged for various research works. We, the Doctors, Technicians are proud of our Department and strive for its betterment.

Dissertations

Passed Out Batch/Sr:

1. **Sayantn Roy** : Evaluation of Prevalence of Spinal Anomalies in Cases of Anorectal Malformation by Spinal Ultrasound And MRI
2. **Sayantn Banerjee** : Evaluation of Prevalence of Renal Anomalies by Abdominal Ultrasound and MR Urography in Cases of Anorectal Malformation
3. **Tanvi Priyam** : A Study on Sonographic Measurements of Umbilical Cord and its Vessels for Estimation of "Gestational Age" and "Estimated Fetal Weight" in Normal Singleton Pregnancies
4. **Argha Dutta** : A Study on Role of Gray Scale Ultrasound and Colour Doppler in Evaluation of Gynaecological Pelvic Masses with Histopathological Correlation
5. **Sayantn Mondal** : Evaluation of Accuracy of 2D Shear Wave Elastography Examination of a Thyroid Nodule in Detecting Benign and Malignant Nodules
6. **Saurav Das** : A Study on Doppler Ultrasound Detection of Preclinical Changes in Peripheral Vessels in Foot Artery in Type 2 Diabetes Mellitus
7. **Amartya Pal** : Correlation of Pre Operative American College of Radiology Tirads Score on Ultrasonography of Thyroid Nodules with Post Operative Excision Biopsy Findings
8. **Roshni Dutta** : A Study on Ultrasonographic Evaluation of Fetal Humerus Length for Estimation of Gestational age in Normal Singleton Pregnancies in a Tertiary Care Centre
9. **Biswan Ojha** : A Study of Umbilical and Fetal Middle Cerebral Artery in Preeclampsia by Color Doppler and Correlation with Perinatal Outcome
10. **Khokan Mandi** : Study of Resistive Index of Renal Artery and Renal Biometry in Obstructive Hydronephrosis and Impact on the Outcome in Pediatric Population

3rd Year PGT

11. **Md Khurshid Alam** : Study on Spectrum of Imaging Findings by Computed Tomography of Orbit and its Correlation with Clinico Biochemical Parameters in Clinically Diagnosed Thyroid Ophthalmopathy
12. **Srijani Lahiri** : Role of Ultrasound in Predicting Hydrostatic Reducibility of Intussusception by Ultrasound Guided Hydrostatic Enema in Children Below Five Years

13. **Kukula Tshering Bhutia** : Diagnostic Accuracy of Ultrasonography in the Detection of Clinically Diagnosed Cases of Dequervain's Tenosynovitis in Comparison with Intraoperative Findings as Gold Standard
14. **Shifa Khan** : Evaluation of Diagnostic Ability of Ultrasound and Colour Doppler in Hepatic Space Occupying Lesions with Histopathological and Cytopathological Correlation
15. **Ashutosh Anand** : Correlation Between Endometrial Thickness and Uterine Artery Doppler with Histopathological Study in Case of Post Menopausal Bleeding
16. **Somlina Dutta** : Diagnostic Accuracy of Shear Wave Elastography, Diffusion Weighted MRI and Dynamic Contrast Enhanced MRI in Breast Lesions Categorised as Birads 3 and Above in Ultrasound
17. **Gourab Saha** : Comparative Study of Ophthalmic Artery Doppler Indices Between Healthy Women and Preeclamptic Women with Singleton Pregnancy in the Third Trimester
18. **Sumedha Ghosal** : A Study on the Role of B- Mode and Colour Doppler Ultrasonography Can CA 125 Levels for Preoperative Differentiation of Benign and Malignant Ovarian Tumours with Histopathological Correlation
19. **Sabyasachi Konar** : Assessment of the Role of Ultrasound in Anterior Cruciate Ligament Tear and its Correlation With MRI

2nd Year PGT

20. **Anik Guha Roy** : Comparative Study on Diagnostic Accuracy of Ultrasound and MRI in Detection of Rotator Cuff Tears in Patients with Shoulder Pain with Arthroscopy as Gold Standard
21. **Priya Chakraborty** : Fetal Clavicular Length as Sonological Parameter for Estimation of Gestational Age in Comparison to the Conventional Parameters in Singleton Pregnancies Between 17 Weeks - 36 Weeks
22. **Ojaswini Chaudhuri** : Effectiveness of Contrast Enhanced Computed Tomography Scan in Determination of Pulmonary Space Occupying Lesions with Cytomorphological Correlation
23. **Biswajit Das** : Efficacy of Blue Protocol Ultrasonography Characteristics in Patients Presenting with Acute Dyspnoea
24. **Amanulla Sk** : A Comparative Study of Ultrasonography and Magnetic Resonance Imaging in the Evaluation of Adnexal Mass Lesions with Histopathology as a Gold Standard
25. **Md Moslemuddin** : A Study on Ultrasonographic Evaluation of Fetal Scapular Length in Estimation of Gestational age in Comparison to Conventional Parameters in a Tertiary Care Centre
26. **Raktim Ghosh** : Assessment of The Hemodynamic Changes at Acral Finger Arterioles in Patients with Type 2 Diabetes and Healthy Subjects Using Ultrasound Doppler : A Comparative Cross-Sectional Study
27. **Arel Murmu** : Evaluation of Diagnostic Accuracy of Ultrasonography in Cases of Undescended Testis in Paediatric Population
28. **Prakhar Rohatgi** : Assesment of Sural Nerve Morphological Changes in Patients with Diabetic Peripheral Neuropathy and Healthy Subjects Using High Resolution Ultrasonography : A Comparative Cross Sectional Study

1st Year PGT

29. **Unmesh Adhikari** : Role of USG with Color Doppler in the Assessment of Paediatric Acute Scrotum and Corelation with Treatment Outcomes

30. **Karma Choppel Sherpa** : To Assess the Doppler Indices in the Ophthalmic Artery in Diabetic and Non Diabetic Individuals Using High Resulation USG - A Cross-Sectional Study
31. **Bipratip Sarakar** : Correlation of Testicular Volume Measurement by Ultrasonography and Orchidometer in Normal Prepubertal Children
32. **Nikita Mudi** : Association of Subclinical Hypothyroidism and Carotid Atherosclerosis by Carotid Ultrasound.
33. **Anuvab Ghosh** : Comprative Study of Usg Findings with CT Scan Findings in Cases of Adnexal Mass in Post Menopausal Women with Histopathology as A Gold Standard
34. **Chayan Mandal** : Usefullness of High Resolution USG Over Projection Radiograph for Detecting Foreign Body in Superficial Soft Tissues
35. **Atauddin Mallick** : Changes in Ovarian Environment After Hysterectomy as Assesed by Ovarian Arterial Blood Flow Indices and Serum Anti-Mullerian Hormone Level
36. **Firoj Jamal Miah** : A Comparative Cross-Sectional Study to Assess the Thyroid Gland Morphological Changes in Patients with Polycystic Ovarian Syndrome and Healthy Subjects Using High-Resolution USG

Publications

1. A Study on Magnetic Resonance Imaging Changes of Brain in Wilson's Disease and its correlation with Clinical features - Priyam T, Mandal S, Banerjee S, Karmakar M. European Journal of Molecular and Clinical Medicine 2023.
2. A Study on Correlation between Fetal Trans-cerebellar Diameter Measured by Ultrasonography and Gestational Age- Basu S, Dutta A, Dutta R, Pal A. European Journal of Molecular and Clinical Medicine 2023.
3. A Study on Ultrasonographic Changes in Patients of Polycystic Ovary Syndrome and Its Correlation with Clinical and Hormonal Profile- Saha N, Basu S, Ojha B. European Journal Of Molecular and Clinical Medicine 2023.
4. Das P, Basu S, Karmakar M et al. Comparative Role Of Ultrasound And Computed Tomography In Diagnosis Of Nontraumatic Right Iliac Fossa Pain In Patients Above 50 Years Of Age Admitted In a Tertiary-Care Hospital. Asian Journal of Pharmaceutical and Clinical Research; March 2024,volume 17,issue7. p:121-125

Conference and CME programme Arranged by the Department

Along with PM&R - Ultrasound of Inflammatory Arthritis & USG guided Motor Nerve Block done on 21th March,2024 at Radiology Seminar Room

Achievements by the Faculties of Students

1. **Author** : Dr. Prakhar Rohatgi
Co Author : Dr. Malay Karmakar, Dr Suparna Sahu
Case Report : Extremely rare Non- Janiceps Type of Cephalophagus conjoined twins presented at IRIA (WB) and secured 3rd prize.
2. **Author** : Dr. Priya Chakraborty
Co Author : Dr Malay Karmakar
Case Report : Semilobar holoprosencephaly: A dreaded congenital Anomaly presented at IRIA (WB)

3. **Author :** Dr Biswajit Das
Co author : Dr Runa Das
Case Report : Adrenocortical carcinoma presented at IRIA (WB)
4. **Author :** Dr. Ojaswini Chaudhuri
Co author : Dr. Sudipta Basu
Case Report : Kartagener syndrome presented at IRIA (WB)
5. **Author :** Dr. Anik Guha Roy
Co Author : Prof. Dr. Runa Das
Case Report : Dandy - Walker Malformation : A Rare Congenital Brain Anomaly presented at IRIA (WB)
6. **Author :** Dr. Amanulla Sk
Co Author : Dr Sudipta Basu
Case Report : Myelomeningocele presented at IRIA (WB)
7. **Author :** Dr.Arel Murmu
Co Author : Dr. Malay Karmakar
Case Report : Primary Sjogren Syndrome With salivary gland calculi and Interstitial Lung Disease presented at Sonobuzz -2024,Mumbai
8. **Author :** Md Moslemuddin
Co Author : Dr Suparna Sahu
Case Report : Lipomyelomeningocele presented at Conference-BUCON
9. **Author :** Dr. Raktim Ghosh
Co author : Dr. Ram Chandra Bhadra
Case Report : "Wildervanck Syndrome; A Rare Entity" Presented at Conference - Iria 2024, Vijaywada

Radiotherapy

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, Dr Avik Maji

RMO

Dr Arpan Jana, Dr Priyanka Das

MEDICAL OFFICER

Dr Biswarup Banerjee

SENIOR RESIDENT

Dr Debojyoti Manna, Dr Linkon Biswas, Dr Shilpi Adhikari, Dr Soumya Bose, Dr Koustav Biswas,
Dr Doli Mridha, Dr Poulomi Ghosh, Dr Asmita Dasgupta, Dr Anindita Ray

POST GRADUATE TRAINEES (3rd Year)

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

POST GRADUATE TRAINEES (2nd Year)

Dr. Shramana Das, Dr. Soumya Layek, Dr. Athira Krishnan, Dr. Swarnali Sarkar,
Dr. Debasmita Chakrabarty, Dr. Arpan sarkar

POST GRADUATE TRAINEES (1st Year)

Dr. Sanjeeda Afrin, Dr. S. Sajathullah, Dr. Souvik Das, Dr. Aneesha Roy, Dr. Pratyasha Das

NON - TEACHING STAFF

PHYSICIST CUM R.S.O

Mr. Angshuman Roy, Mr. Sandeep Ghosh, Mr. Sanjoy Kar, Mr. Avik Kundu, Mr. Sushovan Sinha Roy

RADIATION TECHNOLOGISTS

Niladri Sekhar Saha, Ardhendu Mondal, Sujay Kumar Basu, Shyam Sundar, 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

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

3rd 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

2nd Year PGT

1. **Swarnali Sarkar** : Pattern of response and toxicity among standard and accelerated fractionated radiotherapy with concurrent chemotherapy in locally advanced non-small cell lung carcinoma
2. **Debashmita Chakrabarty** : Pattern of response and toxicity in case of dose escalated intensity modulated radiotherapy in the treatment of locoregionally advanced carcinoma cervix: a prospective study
3. **Soumya Layek** : A Prospective study on response and toxicity in elderly patients with locally advanced non-small cell lung cancer with hypofractionated radiotherapy
4. **Shramana Das** : A prospective study for evaluation of response and toxicity of CT-based three dimensional high dose rate intracavitary Brachytherapy in carcinoma cervix
5. **Arpan Sarkar** : A prospective study of the pattern of clinical outcomes and toxicity with stereotactic radiotherapy and whole brain radiotherapy followed by boost in oligometastasis of the brain
6. **Athira Krishnan** : Prospective comparative study on moderate dose escalation with simultaneous integrated boost technique versus standard dose radiotherapy in locally advanced non-small cell lung cancer

1st Year PGT

1. **Aneesha Roy** : Comparison Between Intracavitary Radiation Therapy and hybrid Intracavitary-Interstitial Radiation Therapy in Carcinoma Cervix with Residual parametrial disease in terms of dosimetry, Toxicity And Response
2. **S. Sajathullah** : Pattern of Response and Toxicity Among Modulated Radiotherapy (IMRT) and hybrid Volumetric Modulated ARC Therapy(h-VMAT) with Concurrent Chemotherapy in Carcinoma Esophagus.
3. **Souvik Das** : Comparison Between Weekly Versus Daily Concurrent Cisplatin Along With External Beam Radiation therapy In Treatment of Locally Advanced Carcinoma Cervix
4. **Pratyasha Das** : Assessment of Compliance And Toxicity in Head And Neck Cancer Based On Demography And Distance From Radiation Facilities Treated With Concurrent Chemoradiotherapy - and Observational Study
5. **Sanjeeda Afreeen** : Relation Of Dose Volume Parameters Of Pharyngeal Structures With Severity Of Dysphagia Following Radiation therapy For Oral Cavity Cancers.

Publications

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

1. Bose, Soumyo; Sharma, Shyam; Manna, Debojyoti; Biswas, Linkon; Ghorai, Suman. A Prospective Study to Determine the Safety and Efficacy of Contralateral Submandibular Gland-Sparing Radiation Therapy for Oral Cavity and Oropharyngeal Carcinoma. *Journal of Radiation and Cancer Research* 2023;14(3):128-133. | DOI: 10.4103/jrcr.jrcr_39_22
2. Puitandi, S., Misra, S., Biswas, K. et al. Clinico-Pathological Profile of Basaloid Skin Tumors—Experience from a Tertiary Care Center of Eastern India. *Indian J Surg Oncol*.2023; 14:708–713.
3. Biswas, L., Ray, A., De, S. et al. Clinico-Demographic Profile Of Soft Tissue Sarcoma- 5 Year Experience From A Tertiary Care Centre Of Eastern India. *Indian J Surg Oncol* 2024;15 (Suppl 1):62–68.
4. Banik, Arijit; Biswas, Linkon1; Saha, Asis2; Ojha, Debankan3. Carcinoma stomach in Eastern India—An audit from a tertiary health care center. *Journal of Cancer Research and Therapeutics* 2024;20(1):39-45. | DOI: 10.4103/jcrt.jcrt_1771_22
5. Biswas, K., Biswas, L., Gangopadhyay, S. et al. Clinico-demographic Profile of Carcinoma Urinary Bladder—5-Year Experience from a Tertiary Care Centre of Eastern India. *Indian J Surg Oncol*. 2024;15:206–212. <https://doi.org/10.1007/s13193-023-01861-2>

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

1. Oncological Emergencies and their management
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.
1. Multimodality Approach in Head & Neck Cancers.
2. Statistical Methods for Thesis Writing and Clinical Research.
3. Different Errors Related to IGRT- It's Better to Get Bit Toxicity Rather Than Recurrence.
4. Management Of Rectal Cancer.
5. Brain Metastasis- Management and Controversies.

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.
3. The new Brachytherapy machine has been utilized in treating more than 350 patients .

Achievement by The Students

- a) UG Students Under Guidance of Faculty Members of Department - NA
- b) PG Students
 - Dr. Soham Gangopadhyay - 1st Runner Up, NIOS '24 Academic Quiz Competition
 - Dr. Soumya Layek - 1st Prize, Best Paper Presentation, NIOS '24
 - 2nd Runner Up, AROI WB Conference, Academic Quiz Competition
 - Dr. Athira Krishnan - 2nd Runner Up, Best Paper Presentation, NIOS '24
- 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

Regional Blood Transfusion Center

FACULTY MEMBERS

DIRECTOR : Dr. D. K. Panda

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

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), Soumendra Nath Shit (Contractual),
Souvik Chatterjee (Contractual), Shubhadip Maity (Contractual), Sourav Jana (Contractual),
Aditi Adhikari (Contractual), Kushal Sau (Contractual), Tanushree Saha (Contractual)

TECHNICAL SUPERVISOR OF BLOOD COMPONENT SEPARATION UNIT : Debapriya Sarkar

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

AREA : 3500 Sqft

NUMBER OF ROOMS : 18

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

LICENCED For

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.

Respiratory Medicine

FACULTY MEMBERS

PROFESSORS

Dr. Jaydip Deb - HOD

Dr. Pulak Kumar Jana

ASSOCIATE PROFESSOR

Dr. Sourindra Nath Banerjee, Dr. Saswata Ghosh

ASSISTANT PROFESSOR

Dr. Sukanta Kodali, Dr. Priyanka Ray

RMO CUM CLINICAL TUTOR

Dr. Arijit Biswas

SENIOR RESIDENT

Dr. Subhendu Mallick

MEDICAL OFFICER (NTEP)

Dr. Tasmita Deb

POST GRADUATE TRAINEES (last 3 years)

Dr. Anubhab Moulik, Dr. Nazmus Saquib, Dr. Sabna, Dr. Rajib Pal, Dr. Swati,
Dr. Golam Ahammad Mondal, Dr. Sangay Chopel Bhutia, Dr. Adwitiya Dutta,
Dr. Soumik Banerjee, Dr. Souvik Ghosh, Dr. Saikat Sarkar, Dr. Gousul Alam Mollah,
Dr. Pranjali Dutta, Dr. Asmita Mandal, Dr. Mostafi Ahamed, Dr. Purnima Kadel,
Dr. Sayantika De, Dr. Tanmoy Sarkar

NON - TEACHING STAFF

M.T (Critical Care) : Sri. Niraj Kumar

M.T (N.T.E.P) : Smt. Ahana Chatterjee

T.B.H.V (N.T.E.P) : Sri Sandip Sengupta

STENO & OFFICE ASSISTANT : Sri. Soumen Sarkar

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

KARMA BANDHU : Sri. Bhim Das

Dissertations

1. **Dr. Anubhab Moulik** : A Study on Spirometry, Dlco (Diffusing Capacity for Carbon Monoxide) And HrcT Thorax Findings in Dpld Patients Attending a Tertiary Medical Centre
2. **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
3. **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
4. **Dr. Rajib Pal** : A Study on Yield & Complication of CT Guided Trucut Lung Lesion Biopsy in A Tertiary Care Hospital

5. **Dr. Swati** : A Cross Sectional Study of The Feasibility of Oxygen Supplementation Via Bains Circuit in Patients Undergoing Flexible Fibreoptic Bronchoscopy for Diagnostic Purpose in A Tertiary Care Hospital
6. **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
7. **Dr. Sangay Chopel Bhutia** : A Cross Sectional Study on The Spectrum of Microorganisms in Endo Tracheal Aspirate Among Intubated Patients Admitted in Respiratory Care Unit
8. **Dr. Adwitiya Dutta** : Effectiveness Of Normal Saline Instillation in Sealing of Biopsy Tract to Reduce Complications of Computed Tomography Guided Transthoracic Lung Biopsy
9. **Dr. Soumik Banerjee** : Role Of Medical Thoracoscopy in Identifying the Etiologies of Undiagnosed Exudative Pleural Effusion
10. **Dr. Souvik Ghosh** : Flexible Fibreoptic Bronchoscopy to Determine Etiology of Non-Resolving Pneumonia
11. **Dr. Saikat Sarkar** : A Cross Sectional Study on Obstructive Sleep Apnea in Bronchietasis Patients with Polysomnography and Its Relation with The Parameters of Pulmonary Function Test
12. **Dr. Gousul Alam Mollah** : Diagnostic Yield of USG Guided Tru-Cut Biopsy from Peripheral Intra Thoracic Mass Lesion Among Patients Admitted in Respiratory Medicine Department of NRS Medical College
13. **Dr. Pranjali Dutta** : Pleural Fluid pH, Lymphocyte to Neutrophil Ratio, Serum LDH to Pleural Fluid ADA Ratio in Predicting etiology of Exudative Pleural Effusion: A Cross Sectional Study
14. **Dr. Asmita Mandal** : Usefulness of Point-of-Care Ultrasound as a Diagnostic Procedure on Patients Admitted with Respiratory Distress in Respiratory Care Unit: A Cross Sectional Study
15. **Dr. Mostafi Ahamed** : Clinical, Biochemical and Nutritional Parameters in Predicting Outcome of Non-Invasive Ventilation in Patients with Acute Hypercapnic Respiratory Failure
16. **Dr. Purnima Kadel** : Clinico-radiological And Microbiological Profile of Pleuro-pulmonary Infections in Patients with Hematological Malignancies in A Tertiary Care Hospital: A Cross Sectional Study
17. **Dr. Sayantika De** : Effectiveness of Various Flexible Bonchosopic Procedures and PET-CT scan in the Diagnosis of Lung Cancer in a Tertiary Care Hospital: A Cross Sectional Study
18. **Dr. Tanmoy Sarkar** : A Study on Patterns of Intra-Thoracic Manifestations in Lymphoma

Publication

1. Dr. Saswata Ghosh
Factors associated with tuberculoid among PLHIV: An observational study in a Government Medical College in Wet Bengal, India, Saswata Ghosh, Saikat Mandal, Monojit Chakrabarti, Abhijit Dey., Clinical Epidemiology and Global Health, 21st July 2024, Elsevier Publication.

Research Study by the Department (Principal Investigator/Co-Investigator/Ongoing/Completed)

1. Dr. Jaydip Deb/Dr. Priyanka Ray/Completed
A Double-Blind, placebo- controlled study of nebulized revefenacin inhalation solution in Indian Subjects with Moderate to Very Severe chronic obstructive pulmonary disease (COPD).

2. Dr. Jaydip Deb/Dr. Priyanka Ray/Completed
A Phase 4, open-label, single arm, 24-week, phase 4 study to evaluate the safety and efficacy of Mepolizumab 100 mg SC administered every 4 weeks in Indian participants aged ≥ 18 years with Severe eosinophilic asthma requiring oral corticosteroid treatment to Maintain asthma control (PRISM)
3. Dr. Jaydip Deb/Dr. Priyanka Ray/Ongoing
A randomized, double – blind, four – arm active and placebo – controlled dose – finding trial to evaluate the efficacy, tolerability, safety and dose response of LYT – 100 in patients with idiopathic pulmonary fibrosis (IPF).
4. Dr. Jaydip Deb/Dr. Priyanka Ray/Ongoing
Genomic Analysis Of COPD And IPF

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.

Achievement by the Students

1. Dr. Soumik Banerjee : 1st Prize in Podium Presentation at ACPCON, held on February, 2024.
2. Dr. Nazmus Saquib, D. Anubhab Moulik and Dr. Adwitiya Dutta : 1st Prize in Quiz Competition at Midterm ACP, WB held on July 2024.
3. Dr. Soumik Banerjee : 3rd Prize in Podium Presentation at Midterm ACP, WB held on July 2024

Surgery

FACULTY MEMBERS

PROFESSORS

Dr. Sankar Das Chattopadhyay - HOD
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. Bodhisattva Bose, Dr. Asif Ayaz, Dr. Sudip Das, Dr. Parvej Sultan,
Dr. Sourav Manna, Dr. Anirban Das

RMO CUM SENIOR RESIDENT

Dr. Somdev Sil, Dr. Satrajit Sen, Dr. Oindrila Saha, Dr. Dickey Lamu Sherpa,
Dr. Sucheta Sarkar, Dr. Atreyee Sarkar, Dr. Susavan Das

POST GRADUATE TRAINEES (3rd 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 (2nd year)

Dr. Debasmita Kundu, Dr. Bipratim Sarkar, Dr. Bipasha Saha, Dr. Abhijit Dey, Dr. Argha Goswami,
Dr. Kasturi Biswas, Dr. Prithwish Mondal, Dr. Debajyoti Maity, Dr. S. M. Abul Farah

POST GRADUATE TRAINEES (1st year)

Dr. Arnab Sen, Dr. Sanchari Paul, Dr. Dinesh Kumar E, Dr. Subham Maity, Dr. Buddhadeb Show,
Dr. Mantaj Ali Khan, Dr. Soumendu Bhowmik, Dr. Sahil Reza, Dr. Raja Bramha, Dr. Ashfaq Alam

NON - TEACHING STAFF

GDA :

Jyotishka Mandal, Debabrata Sarkar

HOUSE KEEPING

Sujit Turi, Monaj Bagdi

Dissertations

- 01 **Dr. Arnab Sen** : Correlation Between Breast Sonography and Elastography with Histopathology in Patients with Palpable Breast Lump.
- 02 **Dr. Sanchari Paul** : A Study of Invasive Breast Carcinoma with Special Reference to Vascular Mimicry Expression and Receptor Status.
- 03 **Dr. Dinesh Kumar E** : Endovenous Thermal Ablation in Varicose Vein Clinical Etiology Anatomical and Physiological Grade (C2 –C6) In Low Resource Setting – A Cross Sectional Study.
- 04 **Dr. Subham Maity** : Comparison Between Ranson Criteria and Modified Ct Severity Index as A Predictor for Disease Severity in Acute Pancreatitis.

- 05 **Dr. Buddhadeb Show** : A Comparative Study Between Flap Quilting Sutures with Axillary Drain Versus Conventional Sutures with Axillary and Pectoral Drain in Reducing Post Modified Radical Mastectomy Seroma Formation.
- 06 **Dr. Mantaj Ali Khan** : Assessment of Post Operative Surgical Site Infection Following Emergency Abdominal Surgical Procedure.
- 07 **Dr. Soumendu Bhowmik** : Comparative Study Between Skin Stapler Vs Skin Suture for Skin Closure in Patients Undergoing Emergency Laparotomy.
- 08 **Dr. Md Sahil Reza** : Spectrum of Perforative Peritonitis –Diagnosis, Management and Outcome INA Tertiary Care Centre at Kolkata.
- 09 **Dr. Ashfaq Alam** : A Descriptive Study on Clinico- Pathological Spectrum of Fistula IN-ANO in A Medical College at Kolkata
- 10 **Dr. Raja Brahma** : Clinicopathological Study of Diabetic Foot and It's Management

Publication

1. Fine-needle aspiration cytology of juvenile granulosa cell tumour: A case report with summary of prior published cases - Farjana Khatun MBBS1 | Anirban Das MS2 | Moumita Sengupta MD1 | Uttara Chatterjee MD1 | Ruchirendu Sarkar Mch2
2. Metastatic Neuroblastoma in the Testis: Report of a Case with Review of Literature - Md. Mohin, Anirban Das1, Pritam Singha Roy2, Shibsankar Barman1, Ruchirendu Sarkar1, Uttara Chatterjee
3. A Prospective Observational Study of Response to Neoadjuvant Chemotherapy in Locally Advanced Breast Cancer in Tertiary Centre - Manojit Sarkar1, Asis Kumar Saha2, Pravej Sultan3
4. A Prospective and Observational Study of Clinical Presentation, Stage of Disease and Outcome of Carcinoma Breast in A Tertiary Care Hospital - Krishnendu Mondal1, Manojit Sarkar2, Parvej Sultan3, Asis Kumar Saha4
5. Comparative Study of Diagnostic Accuracy of Minimally Invasive Pathological Techniques (FNAC) Impression Cytology with Clinical, Radiological and Histopathological Examinations in Diagnosis of Thyroid Nodule - Manojit Sarkar1, Asis Kumar Saha2
6. THORACOABDOMINAL FLAP COVERAGE AFTER EXCISION OF LOCALLY ADVANCED BREAST CARCINOMA -- Arghya Bera1, Amit Roy, Gaurab Ranjan Chaudhuri, Sudip Das, Ramita Mukherjee, Risabh Dagra -- Journal of the Indian Medical Association, Vol 121, No 6, June 2023
7. VERSATILITY OF THE PROPELLER FLAP FOR RECONSTRUCTING DEFECTS OF DISTAL THIRD OF THE LEG -- Gaurab Ranjan Chaudhuri, MCh; Atul Saxena, MCh; Amit Roy, MCh -- May 2022, ISSN 1937-5719, Index ePlasty 2023; 23:e27
8. APPROACH TO CYSTIC LESIONS OF THE PANCREAS: REVIEW OF LITERATURE -- Amit Gupta, Jaine J. Chennatt, Chirag Mandal, Jitendra Gupta, Shyam Krishnasamy, Bodhisattva Bose, Pratik Solanki, Sunil H, Sunil Kumar Singh, Sweetly Gupta -- DOI: 10.7759/cureus.36827, Published 03/28/2023.
9. SOLID PSEUDOPAPILLARY NEOPLASM OF THE PANCREAS MIMICKING GASTROINTESTINAL STROMAL TUMOUR - Pratik Solanki, Bodhisattva Bose, Avijit Mondal, Rajkumar Kottayasamy Seenivasagam - BMJ Case Rep: first published as 10.1136/bcr-2023-254805 on 18 September 2023. Downloaded from <http://casereports.bmj.com>
10. The Giant “Belly” Full of “Jelly” - Saquib Hossain · Saurav Manna · Utpal De - Indian Journal of Surgery, <https://doi.org/10.1007/s12262-023-03730-2>

11. INNOVATIVE CHOLEDOCHOSCOPE FOR SIMULATION BASED TRAINING IN RESOURCE LIMITED SETTING - Sucheta Sarkar , Uditangshu De , Saurav Manna and Utpal De - The Author(s) 2022 Article reuse guidelines: sagepub.com/journals-permissions DOI: 10.1177/00494755221125068 journals.sagepub.com/home/tdo
12. Role of frequency volume chart for the assessment of urinary incontinence in men- Debasis Samaddar, Dilip Kumar Pal. Impact of percutaneous nephrolithotomy operation on non-operated kidney: a single center based study Debasis Samaddar, Debansu Sarkar, Dilip Kumar Pal, Sandeep Gupta - pISSN 2320-6071 | eISSN 2320-6012; DOI: <http://dx.doi.org/10.18203/2320-6012.ijrms20192508> Objective measurement of testicular volume in Eastern Indian population using ultrasonography and comparison with orchidometer estimates Debasis Samaddar, Dilip Kumar Pal.
13. Assessment of inguinodynia between Lichtenstein's tension free mesh hernioplasty and laparoscopic mesh hernioplasty The Sri Lanka Journal of Surgery 2024; 42 (2): 24 – 29. -- R. Mukherjee, R. Dagra, S. Das, A. Roy, S. Saha
14. THORACOABDOMINAL FLAP COVERAGE AFTER EXCISION OF LOCALLY ADVANCED BREAST CARCINOMA - Journal of the Indian Medical Association, Vol 121, No 6, June 2023 -- Arghya Bera¹, Amit Roy, Gaurab Ranjan Chaudhuri, Sudip Das, Ramita Mukherjee, Risabh Dagra.
15. Clonidine and dexmedetomidine as adjuvant to ropivacaine for supraclavicular brachial plexus block during upper limb surgery: A comparative study -- Sangita Mandal¹, Dr. Sanjay Maitra², Abhijit Mukherjee³, Mohanchandra Mandal⁴
16. Effects of intrathecal dexmedetomidine coadministered with hyperbaric bupivacaine in the lower abdominal surgery: Results of a double-blind, randomized, and controlled trial between two different doses -- Rajdip Hazra¹, Manoj Mistry², Sanjay Maitra³, Koustav Mondal⁴
17. Comparison between the Reverse Sellick's and SORT Manoeuvres of Nasogastric Tube Insertion in Anaesthetised, Intubated, Adult Patients- A Randomised Clinical Study -- Debdeep Chakraborty¹, Dr. Sanjay Maitra², Jayanta Chakraborty³, Mohanchandra Mandal⁴
18. Nasogastric tube insertion in anesthetized, intubated adult patients: A comparison between conventional blind insertion technique and "throat pack in situ" technique. -- Vaskar Roy¹, Dr. Sanjay Maitra², Sangita Mandal³, Soma Chakraborty⁴, Arpita Laha⁵, Mohanchandra Mandal⁶

Achievements of the Department

1. ISSN award 2024 for best scientific research - Prof Utpal De
2. Dr Reyaz Ansaris's presented his thesis in IJMS world conference 2024 for medical students. He was selected along with 30 other students from all over the world.
3. Dr. Risabh Dagra final year PGT of the department won the prestigious Uma Rani Saha Memorial Gold Medal 2023 on coming first in the examination (Theory, Clinical & Practical) conducted by West Bengal Chapter of the Association of Surgeons of India amongst all the Post Graduate Trainees (both MS & DNB) of West Bengal.
4. Dr. Ramita Mukherjee stood 2nd in the same examination as mentioned above.
5. Dr. Risabh Dagra conducted Annual Symposium for PGTs – "Medic Merchant – Entrepreneurship in Surgery" as an honour for the Uma Rani Saha Memorial Gold Medal 2023 at SASICON in which Dr. Saptarshi Bhattacharya, final year PGT of our department won the 1st prize.
6. Dr. Krishna Prakash, 2nd year PGT of our department won the 2nd prize in poster presentation in SASICON 2023.

Urology

FACULTY MEMBERS

PROFESSORS

Dr Tapan Kr Mandal - HOD
Dr Tapas Kr Majhi

ASSOCIATE PROFESSORS

Dr Partha Pratim Das

ASSISTANT PROFESSORS

Dr Md Dawood Khan

VISITING CONSULTANT

Dr Uday Sankar Chatterjee

RMO

Dr Debdas Ghosal, Dr Lalit Kr Naskar

SENIOR RESIDENTS

Dr Dipankar Bera, Dr Tamagna Paul

POST DOCTORAL TRAINEES (3rd year)

Dr Anupam Anand, Dr Rahul Roy

POST DOCTORAL TRAINEES (2nd year)

Dr Manas Sasmal, Dr Sauvik Debnath

POST DOCTORAL TRAINEES (1st year)

Dr Kanchan Kundu, Dr Sagar Chakraborty

Dissertations

1. **Anupam Anand** : “Effectiveness of tadalafil versus alfuzosin in lower urinary tract symptoms (LUTS) due to benign prostatic enlargement- A descriptive study.”
2. **Rahul Roy** : “Safety and efficacy of standard dose of 120 mg intravesical Bacillus Calmette-Guerin (BCG) in patients with non-muscle invasive bladder cancer.”
3. **Manas Sasmal** : “Noninvasive method of detecting bladder carcinoma by urinary volatile organic compound.”
4. **Sauvik Debnath** : “A comparative study between Optical Internal Urethrotomy and Anastomotic Urethroplasty for short segment urethral stricture.”
5. **Kanchan Kundu** : “Assessment of Response to Tamsulosin in Lower Urinary Tract Symptoms due to Benign Prostatic Enlargement with Intravesical Prostatic Protrusion”
6. **Sagar Chakraborty** : “Incidence and predictors of early postoperative infections in patients undergoing retrograde intrarenal surgery”

Publication

1. "Revisiting vertical flap pyeloplasty in pelviureteric junction obstruction: A case series."- Saurav Karmakar, Dawood Khan, Uday Shankar Chatterjee, Tapan Kumar Mandal: Journal of Clinical and Diagnostic Research. 2023 Sep, Vol-17(9):PR01-PRP3
2. "Buried strip urethroplasty – regenerative principle revisited – promising result in hypospadias repair" – Anupam Anand, Rahul Roy, Tapan Kumar Mandal, Uday Shankar Chatterjee. International Journal of Scientific Research; DOI:10.36106/ijsr/9500182
3. "Detubularised Non-Augmented Urethroplasty" A promising option for Pan anterior Urethral Stricture: A case series" – Rahul Roy, Anupam Anand, Tapan Kumar Mandal, Uday Sankar Chatterjee. Journal of Clinical and Diagnostic Research; DOI: <https://doi.org/10.7860/JCDR/2023/64116.18574>

Ongoing Research Works

1. "A Therapeutic Interventional Study on INtestinal DIAlysis (INDIA dialysis) for Patients with End Stage Renal Disease."- Uday Sankar Chatterjee, Tapan Kumar Mandal, Pinaki Mukherjee.
2. "Development of a Non-invasive Spectroscopic Device for the assessment of Urinary Bladder Cancer (UBC) and large-scale clinical trial for early diagnosis"- Tapan Kumar Mandal, Anjan Kumar Das, Samir Kumar Pal.
3. An Open-Label, Multicenter, Non-Randomized, Dose-Escalation, Phase 1 Study to Evaluate Safety and Efficacy of Intravesical SN-38 Lipid Suspension in Patients with Non-Muscle Invasive Bladder Cancer"- Tapan Kumar Mandal, Sagar Chakraborty.
4. "Renal Capsulectomy for revival of Renal function for CKD stage 3 and 4"- Uday Sankar Chatterjee, Tapan Kumar Mandal, Pinaki Mukherjee.
5. Dorsal Lithotomy Position – Ease of Position in supine PCNL: Our Experience – Anupam Anand, Partha Pratim Das, Rahul Roy, Tapan Kumar Mandal, Souvik Debnath, Manas Sasmal.
6. "Buried Strip regenerative principal in Reconstructive Urethral Surgeries"- Anupam Anand, Rahul Roy, Tapan Kumar Mandal, Uday Sankar Chatterjee.
7. "Outcome of Flap Pyeloplasty in Pelviureteric Junction Obstruction in comparison to gold standard A-H Pyeloplasty"-Rahul Roy, Anupam Anand, Uday Sankar Chatterjee, Tapan Kumar Mandal.

Conference and CME Programs Arranged by the Department:

1. Three days [21/11/23 to 23/11/23] Workshop on different types of Urethroplasty by Guest Faculty- Dr Ganesh Gopalkrishnan, Vedanayagam Hospital, Coimbatore
2. Symposium on MRI Prostate by Guest Lecture- Dr. Krishanu Saha, consultant radiologist. Suraksha Diagnostic Centre, Kolkata

Departmental Academic and Clinical Work

Weekly Class on

Thursday : Clinical Case Presentation

Saturday : Topic Discussion and Journal Club.

Weekly Special OPD on

Monday : Voiding and Reconstructive Surgery Clinic

Wednesday : Andrology Clinic

Friday : Stone Clinic

Achievements by the Faculties and Students

1. "Single stage repair of Classic Bladder Exstrophy- our experience in a Tertiary Care Centre" at SIU Delhi 2024 by Dr Rahul Roy
2. "Penile Circular Fasciocutaneous Flap for Pan anterior Urethral Stricture in Balanitis Xerotica Obliterans" at SIU Delhi 2024 by Dr Rahul Roy
3. "Management of Neurogenic Bladder & Bowel Dysfunction in Spinal Dysraphism – Our Experience" poster presentation at SIU Delhi 2024 by Dr Souvik Debnath
4. "The Use of Different Flaps in Urethral Reconstructive Surgery" at BUSCON 2024 by Dr Rahul Roy
5. "Ileal Neovagina" at BUSCON 2024 by Dr Rahul Roy
6. "Two stage repair of proximal hypospadias – our results from a tertiary care center" at EZUSI 2023 by Dr Anupam Anand
7. "Laparoscopic Vertical Flap Pyeloplasty" video presentation at EZUSI 2023 by Dr Anupam Anand.
8. "PSMA PET CT has replaced all other diagnostic procedure for Ca prostate" debate at EZUSI 2023 by Dr Anupam Anand.
9. "RIRS – overrated for the Management of 10-15mm lower calyceal stones" debate presentation at EZUSI2023 by Dr Anupam Anand. Won 2nd prize
10. "Supine PCNL in modified dorsal lithotomy position – our method and experience from a tertiary care center in India" podium presentation at USICON 2024 by Dr Anupam Anand.
11. "NRS puncture in supine PCNL in dorsal lithotomy position" at BUSCON 2024 by Dr Anupam Anand. – won 2nd prize.
12. "Post TURP Complete Posterior Urethral Stenosis – Repair by a Trans pubic urethroplasty approach" video presentation at EZUSI 2024 by Dr Anupam Anand.
13. "A case of Neurogenic Bladder Managed with Tennis Bat Augmentation (TBA), Bladder Neck Closure and A.C.E. with Simple Appendicostomy" podium presentation at USICON 2024 by Dr Souvik Debnath.
14. "Laparoscopic Vertical Flap Pyeloplasty" video presentation at BUSCON 2024 by Dr Souvik Debnath.
15. "Extended Ulaanbaatar Procedure in an Adult Perineal Hypospadias Patient" poster presentation at EZUSI 2023 by Dr Souvik Debnath.
16. "Augmentation Enterocystoplasty and Mitrofanoff Conduit in a case of Neurogenic Bladder" poster presentation at EZUSI 2024 by Dr Souvik Debnath.
17. "Percutaneous Nephrolithotomy in Horseshoe Kidney: Our Experience" e-poster presentation at EZUSI 2023 by Dr Manas Sasmal.
18. "Rapid, simple urine test for detecting Volatile Organic Compound (VOC) in urine by a high-performance portable device (NABIL) for detection of urinary bladder carcinoma" podium presentation at USICON 2024 by Dr Manas Sasmal.
19. "Bladder Neck Incision in Primary Bladder Neck Obstruction (PBNO), in young Patients: Our results from a Tertiary Care Centre" e-poster presentation at BUSCON 2024 by Dr Manas Sasmal.
20. "Anterior bladder wall neo-urethra as treatment for urinary incontinence due to developmental urogenital anomaly" e-poster presentation at EZUSI2024 by Dr Manas Sasmal.