

Pediatric Medicine

FACULTY

Dr Supratim Datta	DCH, MD	Professor & Head
Dr. Sumana (Datta) Kanjilal	MD	Professor
Dr Mrinal Kanti Das	MD	Professor
Dr Dipankar Gupta	MD, DCH, DNB, DM (Neurology)	Associate Professor
Dr Malay Kumar Sinha	DCH, MD	Associate Professor
Dr Sumantra Sarkar	MD	Associate Professor
Dr Suman Sarkar	MD	Assistant Professor
Dr Anirban Chatterjee	MD	Assistant Professor
Dr Sarvani Roy Mishra	MD	Assistant Professor
Dr Bidhan Chandra Roy	MD	Clinical Tutor
Dr Koushik Pramanik	MD	Clinical Tutor
Dr. Sanada Pati	MD	Clinical Tutor
Dr Arup Kumar Roy	DCH	Senior Resident
Dr Sandip Kumar Mandal	MD	Senior Resident
Dr Sutanu Chatterjee	DCH	Medical Officer
Dr Sanjukta Bhattacharya	DCH	Medical Officer

Transfers and postings

- Dr. Sumana Kanjilal, Professor, has joined the department (June 2015)
- Dr. Arnab Biswas, Assistant Professor, has been transferred to NRS Medical College (June 2015)
- Dr. Sandip Kumar Mandal has joined to the post of Senior Resident (August 2015)
- Dr. Sananda Pati has joined to the post of RMO-cum Clinical Tutor (September 2015)

Postgraduate trainees (MD Students)

Session 2013-16	Session 2014-17	Session 2015-18
<ul style="list-style-type: none"> • Dr. S Rutsa • Dr. Gargi Das • Dr. Amit Sekharay 	<ul style="list-style-type: none"> • Dr. Jayanta Kumar Sarkar • Dr. Sudipta Dhak • Dr. Partha Pratim Pal • Dr. Joydev Kisku 	<ul style="list-style-type: none"> • Dr. Arpan saha • Dr. Moumita Biswas • Dr. Asha Kalwar • Dr. Rabindranath Dass

ACADEMIC ACTIVITIES

- Regular postgraduate and undergraduate teaching and clinical training
- Weekly seminars and case presentation
- Monthly Mortality Meeting
- Journal club
- Interdepartmental discussion
- Guest Lectures
- WBAP clinical meeting yearly held in November every Year
- Pediatric Intensive Clinical meeting yearly
- First Pediatric Neurology Clinical Meeting
- IAP Post Graduate and Under Graduate Quiz Program

Thesis topics

- Dr. S. Rutsa - Vitamin D status in Thalassemia (intermedia and major) and its correlation with serum ferritin and left ventricular ejection fraction
- Dr. Gargi Das - Evaluation Of Serum Ferritin In Juvenile Idiopathic Arthritis And It's Correlation With Disease Activity
- Dr. Amit Sekharay - Study On Effect Of Steroid On Linear Growth Velocity In Children With Nephrotic Syndrome In A Tertiary Care Hospital

- Dr. Jayanta Kumar Sarkar- Assessment of Pulmonary Function in Thalassemia Patients between 6-12 years.
- Dr. Sudipta Dhak- Clinico - Epidemiological study and Laboratory Profile of Viral Hepatitis- A in Children
- Dr. Partha Pratim Pal - Clinical Profile and Outcome of ADEM in Children
- Dr. Joydev Kisku – Study of Clinical Profile of Wilson disease in children with special emphasis on Neuroimaging in Neurological presentation in a tertiary care Centre.

Passed out MD PGTs in 2015

Dr Sandip Kumar Mandal, Dr Rabi Kumar, Dr Naveen Koyal , Dr Shovona Haque and Dr Srirupa Bhattacharya [2013-15] appeared and passed MD examination in first attempt.

Academic achievements of PGTs and UG students in last 1 year

- Dr. Gargi Das, 3rd year PGT stood third in the award paper presentation in 34rd WB Pedicon, the state conference of Indian Academy of Pediatrics.
- Dr. S. Rutsa, both 3rd year PGT selected for oral paper in 34rd WB Pedicon, the state conference of Indian Academy of Pediatrics.
- Dr. Amit Sekharay and Dr S. Rutsa both 3rd year PGT, participated in NNF PG QUIZ State round at NRS Medical College and Hospital.
- Dr. Amit Sekharay, 3rd year PGT and Dr Asha kalwar 1st year PGT participated in the inter college IAP PG Quiz at Burdwan Medical college
- Debanjan Bose and Zeba Nazneen, final year MBBS students participated in the inter college IAP UG Quiz at Institute of child Health
- Dr. Gargi Das presented review on Pediatric Tuberculosis on World TB day at Dept. of Chest Medicine, SSKM
- Dr. Gargi Das, 3rd year PGT stood first in WBAP monthly clinical meet for presenting a case on 'A Foxing skin disease with Osteolytic Lesion.'
- Dr. Arpan Saha 1st year PGT presented case in East Zone Oncology CME at SSKM
- All the PGTs presented case in the Clinical meeting, Neurology CME and PICU CME under WBAP.

Publications of PGTs in 2015

1. Dr Jayanta kumar Sarkar
Sarkar S, **Sarkar JK**. Bilateral Parotid Swelling after Viper Envenomation: An Ominous Sign? Indian Pediatr.2015; 52:161-2

FACULTY NEWS

Prof. Supratim Datta

Publications

- Contributed chapter in the book 'Essentials of Pediatric Oncology' second edition published in 2015

Ongoing research

- Study on Genetic and Epidemiological Risk Factors Associated with Down Syndrome Birth in collaboration with Cytogenetics & Genomics Research Unit Department of Zoology, University of Calcutta
- Correlation between Iron Deficiency anemia , Hypothyroidism and Hearing Impairment in Children attending a tertiary care Hospital.

Conference participation

- Acted as Chairperson in the Bengal thyroid Society state Conference held in Kolkata [May 2015]
- Acted as Chairperson in Neurology CME of Neurology Chapter of WBAP held in Kolkata [August 2015]
- Acted as Chairperson in National conference of Indian Thyroid Society (ITSCON) held in Kolkata [Sept 2015]
- Participated as delegate in the Haemostasis Update 2015- a CME programme accredited by West Bengal Medical Council held on [May, 2015]
- Participated as delegate in the Workshop on 'Identifying Understanding and supporting persons with Autism and Cerebral Palsy', held at Kolkata on 18th & 19th September, 2015

Other activities

- Convenor of MD Pediatric medicine exam of WBUHS, May 2015
- Convenor of Final MBBS part II exam, January 2015
- MD (Pediatrics) External examiner at Agartala, Tripura University, April 2015
- Post graduate question paper setter, MD, DCH of WBUHS, WB
- Adjudicator of MD(Pediatrics) theses of West Bengal university of Health Sciences and Guwahati Medical College
- Moderator, MD(Pediatrics), Tripura University

Prof. Sumana (Datta) Kanjilal

Publications

- Majumdar J, Kanjilal S, Das AK. Wiskott Aldrich syndrome with normal sized platelets in an 18 month old boy: a rare mutation. Journal of Pediatr Rev. 2015;July; 3 (2):e417
- Majumdar J, Kanjilal S, Ghosh AC. Clinically Isolated Syndrome (CIS) presenting with and ophthalmoplegia. J mult Scler. October, 2015. doi:10.4172/2376-0389.1000155 (In press)

Ongoing projects

- Decoding the Genetics of Host-parasite interaction during Erythrocyte invasion by P.falciparum in Human Malaria. A project under University Grant Commission, New Delhi, with Dr. S. Sengupta, Assoc. Professor, Dept. of Biochemistry, University College of Science, Calcutta University.
- Towards understanding host gene regulation in P.falciparum : An insight into disease pathogenesis. A grant from Science & Engineering Research, Department of Science & Technology, New Delhi, with Dr. S. Sengupta, Assoc. Professor, Dept. of Biochemistry, University College of Science, Calcutta University.
- A study to assess the validity of Gene Xpert as a diagnostic test for Tuberculosis in pediatric age group in a tertiary care hospital in Kolkata.

Special courses undertaken

- 1. Introduction to Clinical Neurology. Completed an online certificate course from The University of California, San Francisco, USA, on April, 2015.
- 2. Light, Sight, Spike : The Neuroscience of Vision. Completed a certificate course from online learning initiative of The Massachusetts Institute of Technology (MIT), USA on January, 2015.
- 3. Bayley III scales of Infant and Toddler Development course of Pearson Education, USA. Completed Hands on training given by PsychCorp, Bangalore on November, 2015 at Kolkata.

Examiner

- MD (Pediatrics) Examination of SCB Medical College, Cuttack held on June, 2015.
- MD (Pediatrics) Examination of West Bengal University of Health Science, Kolkata held in Sep, 2015.
- Final M.B.B.S Examination Part II (Pediatrics) of West Bengal University of Health Science, Kolkata held on January, 2015

Conference participation

- Chairperson of the session 'Gastro-esophageal Reflux disease in children' at The ORS day celebration of Indian Academy of Pediatrics held at C.S.S College of Obstetrics, Gynaecology & Child Health, Kolkata on July, 2015.
- Chairperson of the session 'Constipation in Children' in the Pediatric Gastroenterology Workshop held at C.S.S College of Obstetrics, Gynaecology & Child Health, Kolkata on November, 2015.
- Member of the organizing committee of 34th WBPEDICON.
- Participated as delegate in the Child Neurocon 2015 –Kolkata, the 6th National Conference of Association of Child Neurology held on 20th, 21st & 22nd February, 2015.
- Participated as delegate in the National Midterm CME on Pediatric Infectious Diseases on 11th & 12th April, 2015, accredited by West Bengal Medical Council.
- Participated as delegate in the Haemostasis Update 2015- a CME programme accredited by West Bengal Medical Council held on 9th May, 2015.
- Participated as delegate in the 1st State Convention of Pediatric Neurology Chapter (West Bengal). A CME programme held on 26th June, 2015.
- Participated as delegate in the Workshop on 'Identifying Understanding and supporting persons with Autism and Cerebral Palsy', held at Kolkata on 18th & 19th September, 2015.
- Participated as delegate in the 34th WBPEDICON.

Prof. Mrinal Kanti Das

Publications

- Nandi M, Das MK. Life-threatening thrombocytopenic bleeding in Infectious mononucleosis due to EB virus infection. Accepted in Journal of Infectious Disease.
- Nandi M, Das MK, Nandi S. Failure to thrive and nephrocalcinosis due distal renal tubular acidosis – a rare presentation of pediatric lupus Nephritis. Accepted in Saudi J Kidney Dis Transpl.

Other activities

- Adjudicator of MD(Pediatrics) theses of West Bengal university of Health Sciences And RIMS, Ranchi university
- Resource person to conduct a session in Measles Surveillance launch Workshop by WHO/GOI
- Post graduate question paper setter, DCH of WBUHS,WB

Dr. Dipankar Gupta

In charge: Pediatric Neurology Specialty clinic in the Dept. of Pediatric Medicine once weekly on Thursday

Organized Pediatric Neurology Clinical Meeting in collaboration with WBAP in the Dept. of Pediatric Medicine, IPGMER

Dr. Malay Kumar Sinha

Publications

- Chatterjee A, Sinha MK, Sarkar S, Roy BC, Patra R. Wilms' Tumor in Children: An Experience of SIOP Protocol from Tertiary Centre..JMSCR .2015;3(9):7437-42

Other activities

- Participated as 'Faculty' in training of Medical Officer and Specialist in HIV/AIDS at School of Tropical Medicine, Kolkata
- Participated as 'Faculty' in training of Medical Officer and Specialist in Adolescent Health Care at Medical College, Kolkata
- Attended Pediatric ART centre as consultant at Medical College, Kolkata
- Acted as Internal and external Examiners in MBBS exam under WBHUS

Dr. Sumantra Sarkar

Publications

1. **Sarkar S**, Kumar R, Nandi M. A Rare Skin Disorder Misdiagnosed as Juvenile Idiopathic Arthritis. Indian J Pediatr. 2015 Nov 12. E-Pub ahead of print. DOI: 10.1007/s12098-015-1922-0
2. Samanta M, Mondal R, Shah A, Hazra A, Ray S, Dhar G, Biswas R, Sabui TK, Raychaudhuri D, Chatterjee K, Kundu C, **Sarkar S**. Animal Bites and Rabies Prophylaxis in Rural Children: Indian Perspective. J Trop Pediatr. 2015 Oct 28. [Epub ahead of print]
3. Nandi M, **Sarkar S**, Mondal R, Dhibar T. Posterior reversible encephalopathy syndrome: Some novel associations South African Journal of Child Health 2015;9(4):137-139. DOI:10.7196/SAJCH.2015.v9i4.934
4. **Sarkar S**, Misra S, Nandi M. Pityriasis Rubra Pilaris and Mesangial Proliferative Glomerulonephritis in a child: New association or Coincidence? E- pub. Indian J Nephrol. Sept 2015
5. Nandi M, Pandey G, **Sarkar S**. Gitelman syndrome in an infant . Indian J Nephrol 2015;25:316
6. Nandi M, **Sarkar S**. Posterior Reversible Encephalopathy Syndrome in an Infant following Accidental Strangulation. Epub. J Pediatr Neurol DOI: 10.1055/s-0035-1556833 on 7th Aug 2015
7. **Sarkar S**, Dey A. Urticaria Multiforme. Indian Pediatr.2015; 52:633
8. Alam MM, Ray B, **Sarkar S**, Mandal O, Mondal R. Spirometric Assessment in Juvenile Idiopathic Arthritis. Indian J Physiol Pharmacol. 2015; 59 (20):199-2003.
9. **Sarkar S**, Sarkar JK. Bilateral Parotid Swelling after Viper Envenomation: An Ominous Sign? Indian Pediatr.2015; 52:161-2

Book chapter

1. Served Editorial Assistance and contributed chapters in the book 'Essentials of Pediatric Oncology' second edition published in 2015.

Ongoing projects

- Study on Genetic and Epidemiological Risk Factors Associated with Down Syndrome Birth in collaboration with Cytogenetics & Genomics Research Unit Department of Zoology, University of Calcutta

Reviewer of international journals

- Saudi Journal of Kidney Disease and transplantation
- International Journal of Nursing and Midwifery

Conference Participation:

- Participated as 'Faculty Panelist' in session of "Community Acquired Pneumonia" in 34rd WB Pedicon at Kolkata.[Dec 2015]
- Participated as 'Faculty Panelist' in the session "Meet the expert-investigate and interpret" in the Annual CME on Office Practice: Series VI by Institute of Child Health on [Aug 2015]
- Participated as 'Faculty Member' and 'Chair Person' in the National level Pediatric Rheumatology CME 2015 [A Day with 'Kawasaki Disease'] by West Bengal Pediatric Rheumatology Society and West Bengal Academy of Pediatrics at Kolkata.
- Presented two Award papers in 34rd WB Pedicon at Kolkata.[Dec 2015]
- Participated as Delegate in the Workshop on 'Identifying Understanding and supporting persons with Autism and Cerebral Palsy', held at Kolkata [Sept. 2015]
- Participated as Delegate in the 1st State Convention of Pediatric Neurology Chapter (West Bengal).A CME programme held on [June 2015]
- Participated as Delegate in Pedicon 2015, Delhi, National Conference of Indian academy of pediatrics including workshop on Developmental pediatrics.

Other academic activities

1. Founder member of WB Rheumatology Society.
2. Editorial board member in journal committee [Child and Newborn] of West Bengal Academy of Pediatrics [WBAP] ,state branch of Indian academy of Pediatrics [IAP] in 2012.

State level facilitator

- Attended as a State level Facilitator in the one day orientation program for district level officials on 'Facility based Management of Severe Acute Malnutrition (FBSAM)' at Swasthya Bhavan , under Govt. of West Bengal, Dept. of Health & family welfare and State Family Bureau in collaboration with National Rural Health Mission (NRHM).[26th August 2015]

Organizational Activities in 2015:

- Organized and conducted the Post graduates Pediatric quiz [intra college level] in the Dept of Pediatrics, IPGME&R as a part of national IAP program.

Training Programs attended:

- 'Training of Trainers' the 'Minirespire' respiratory care at office practice under IAP Action 2015 at Hotel Monotel,Salt Lake.

Pediatric Specialty Clinic at Out Patient Department, IPGME&R:

- Pediatric Pulmonology Clinic once weekly on Saturday

Dr. Suman Sarkar

PICU In charge

Actively involved as Co-coordinator for the development of new PICU Lab and research laboratory in the department

Publications

1. Roy A, **Sarkar S**, Basu Thakur S, Jain PK. Inadvertent intrathecal administration of 2. Tranexamic acid in a case of caesarean section: a report of medication error. Southeast Asian Journal of Case Report and Review 2015.

2. Pandey SK, Mandal D, Datta S, Dutta S, **Sarkar S**. Incidentally Found Congenital Cystadenomatoid Malformation in a misdiagnosed Case of Massive Pneumothorax, in a 2 Month Old Child. International Journal of Science and Research 2015; 4 (8): 1993-1995.
3. Chatterjee A, **Sarkar S**, Roy A. Haemothorax in Thalassaemia May be a Complication of Rupture of Intrathoracic Extramedullary Haematopoiesis. JMSCR.2015;3(9):7343-46
4. Chatterjee A, Sinha MK, **Sarkar S**, Roy BC, Patra R. Wilms' Tumor in Children: An Experience of SIOP Protocol from Tertiary Centre..JMSCR .2015;3(9):7437-42
5. Chatterjee A, **Sarkar S**, Roy A. Hepatic Encephalopathy because of Falciparum Malaria in a Child: A Rare Association.IJSR.2015;4(8):1872-73
6. Chatterjee A, **Sarkar S**. Cardiac Tamponade in Infant First Manifestation of Primary Hypothyroidism: A Rare Occurrence. .IJSR.2015;4(8):1496-97
7. Roy A, **Sarkar S**, Chatterjee A, Banerjee A. A comparative study between dexmedetomidine and propofol for maintaining depth of anesthesia in elective craniotomy: a prospective randomized double blind study. Int J Res Med Sci 2015;3:3238-44.
8. **Sarkar S**, Roy A, Chatterjee A, Roy BC, Mondal S, Pramanick K. Button Battery Ingestion with different outcome : two case reports from a Tertiary care Hospital. Journal of Pediatric Sciences. 2015;7:e248

Journal reviewer

- Reviewer of the Journal of Medicine and Medical Sciences

Current Research Project

- Project title: Intussusception in Infants: Multisite Hospital Based Surveillance in India
- "Common Adverse reaction of drugs used in PICU" in collaboration with Dept. of Pharmacology.

Training Programs attended:

- Workshop cum training program on 'Basic Pediatric Intensive care Course'

Pediatric Specialty Clinic at Out Patient Department, IPGME&R:

- PICU follow up Clinic once weekly on Tuesday

Dr. Anirban Chatterjee

Publications

1. **Chatterjee A**. Recurrent oropharyngeal candidiasis with T-cell deficiency: a case report IJSR.2015; 4(9):268-69
2. **Chatterjee A**, Sarkar S, Roy A. Haemothorax in Thalassaemia May be a Complication of Rupture of Intrathoracic Extramedullary Haematopoiesis. JMSCR.2015;3(9):7343-46
3. **Chatterjee A**, Sinha MK, Sarkar S, Roy BC, Patra R. Wilms' Tumor in Children: An Experience of SIOP Protocol from Tertiary Centre..JMSCR .2015;3(9):7437-42
4. **Chatterjee A**, Sarkar S, Roy A. Hepatic Encephalopathy because of Falciparum Malaria in a Child: A Rare Association.IJSR.2015;4(8):1872-73
5. **Chatterjee A**, Sarkar S. Cardiac Tamponade in Infant First Manifestation of Primary Hypothyroidism: A Rare Occurrence. .IJSR.2015;4(8):1496-97
6. Roy A, Sarkar S, **Chatterjee A**, Banerjee A. A comparative study between dexmedetomidine and propofol for maintaining depth of anesthesia in elective craniotomy: a prospective randomized double blind study. Int J Res Med Sci 2015;3:3238-44.
7. Sarkar S, Roy A, **Chatterjee A**, Roy BC, Mondal S, Pramanick K. Button Battery Ingestion with different outcome : two case reports from a Tertiary care Hospital. Journal of Pediatric Sciences. 2015;7:e248

Contributed chapters in the book 'Essentials of Pediatric Oncology' second edition published in 2015

Co-guide for the research project titled 'Vitamin D level in Idiopathic musculoskeletal pain'

Dr. Sarbani Roy Misra

Publications

1. **Sarkar S**, Misra S, Nandi M. Pityriasis Rubra Pilaris and Mesangial Proliferative Glomerulonephritis in a child: New association or Coincidence? E- pub. Indian J Nephrol. Sept 2015

Organizational Activities in 2015:

- Organized and conducted the Under graduates Pediatric quiz [intra college level] in the Dept of Pediatrics, IPGME&R as a part of national IAP program.

Conference and Training Programs attended:

- Workshop on Advanced Neonatal and Infant Ventilation workshop
- Advanced NRP
- 34th WB Pedicon 2015

Dr. Bidhan Chandra Roy

Publications

1. Chatterjee A, Sinha MK, Sarkar S, **Roy BC**, Patra R. Wilms' Tumor in Children: An Experience of SIOP Protocol from Tertiary Centre..JMSCR .2015;3(9):7437-42
2. Sarkar S, Roy A, Chatterjee A, **Roy BC**, Mondal S, Pramanick K. Button Battery Ingestion with different outcome : two case reports from a Tertiary care Hospital. Journal of Pediatric Sciences. 2015;7:e248

Completed the workshop based manual on Developmental Pediatrics, Pedicon 2015

Nodal officer (IPGME&R and SSKM Hospital Unit) for WHO-AFP surveillance program

Dr. Koushik Pramanik

Publications

1. Sarkar S, Roy A, Chatterjee A, Roy BC, Mondal S, **Pramanick K**. Button battery ingestion with different outcome: two case reports from a tertiary care hospital. Journal of Pediatric Sciences. 2015;7:e248.

Training Program attended

- Attended workshop on 'Pediatric and neonatal mechanical ventilation'

Dr. Sandip Kumar Mandal

Publications

2. Sarkar S, Roy A, Chatterjee A, Roy BC, **Mondal S**, Pramanick K. Button battery ingestion with different outcome: two case reports from a tertiary care hospital. Journal of Pediatric Sciences. 2015;7:e248.

SERVICE INFORMATION

Total beds 90

- 60 beds at Alexandra ward, 4th floor Main building as General Pediatric and Specialty Pediatric Ward Including Oncology Ward
- 30 beds at Sambhu Nath Pundit Hospital

Total Annual Admission in Pediatric ward – 2945 [399 more than the previous year]

Total Death in ward – 159 [5.05%] [6.24 % was in the previous year]

Patient care is rendered by all tiers of Doctors including the House physicians and interneers.

Clinical Attachments of PGTs – to the NICU (Departmental of Neonatology) and PICU in addition to Pediatric ward.

Pediatric Intensive Care Unit (PICU)

8 bedded at present with a step down ward

Dr Suman Sarkar, Assistant Professor (In charge)

- Total Admission in PICU – 360 [179 in last year]

- Total patient ventilated – 132 [74 in last year]
- Total patient recovered from critical illness – 265 [130 in last year]
- Patient Survival Rate – 73.61 % [72.6 % in last year]
- Survival of ventilated patient – 49.3 % [43.6 % last year]

Pediatric medicine OPD and specialty clinic

Located at the ground floor of Eastern Wing of Main Block since April 2014

- Total annual attendance of patients: 44686 [32635 in last year ie.12051 more than the previous year]
- Old patients – 21114 [11742 in last year]
- New patients – 23572 [20893 in last year]

Admission days

Monday	Dr. Sumana Kanjilal
Tuesday	Dr. Mrinal Kanti Das
Wednesday	Dr. Supratim Datta
Thursday	Dr. Dipankar Gupta
Friday	Dr. Malay Kumar Sinha
Saturday	Dr. Sumantra Sarkar

Special clinics

Clinic	In-Charge	Day and time
Pediatric Neurology	Dr. Dipankar Gupta	Thursday (1 – 2 pm)
Pediatric Pulmonology	Dr. Sumantra Sarkar	Saturday (1 – 2 pm)
PICU follow up Clinic	Dr. Suman Sarkar	Tuesday (11 am – 1 pm)

Well Baby & Immunization Clinic – Every Wednesday and Friday

Patient care service for the newborn babies in the annex institutes

- Sambhu Nath Pundit Hospital – Regular round by the faculty staff for last 4 years
- Khidirpur Maternity Home – Round the clock service by the doctors started from August 2014

Developmental activities

- A new PICU lab and a research laboratory are coming up in the Alexandra Ward, 5th floor of the Main Block.
-