

## Neuroanaesthesiology

### FACULTY

Dr. Amita Acharya DA, MD	Professor & Head
Dr. Saikat Neogi, MD, PDCC (Neuroanesthesia)	Assistant Professor
Dr. Indrani Chakraborty MD	Assistant Professor
Dr. Jishnu Nayak MD	Senior Resident

Posts of Clinical Tutors are currently vacant.

### Neurointensive Care Unit: Medical Officers

Dr. Sujata Samaddar  
Dr. Anish Kumar Das  
Dr. Prosanto Mandal  
Dr. Rina Sarkar  
Dr. Anjan Chowdhury

One post of Medical Officer for Neurointensive Care Unit is currently vacant.

### REGULAR ACADEMIC ACTIVITY

- Attending CME programme organized by ISA (WB Branch) at different medical colleges and private medical institutions by post graduate trainees and teachers.
- Attending various conferences at the state as well as national levels by post graduate trainees and teachers.
- Paper presentation at various conferences by post-graduate trainees and teachers.
- Delivery of lectures or orations and taking part in panel discussion by teachers at conferences of the state and national level.
- Conducting workshops at regular interval
- Rotational allotment of post graduate students. to the Bangur Institute of Neurology. IPGME&R. Kolkata from various postgraduate institutes of West Bengal.
- Regular class taken for Diploma in Critical Care students

### Research work as thesis topics – ongoing / proposed

Thesis projects completed / ongoing in 2016

- Comparison of intranasal dexmedetomidine along with oral diazepam versus only oral diazepam as a premedication to evaluate efficacy on reduction of anxiety, sedation and hemodynamic response to laryngoscopy and endotracheal intubation in elective lumbar spine surgery: a randomized, double blinded, placebo controlled study.  
Dr. Arka Das                      Guide: Prof. Amita Acharjee              Co-guide: Dr. Saikat Niyogi
- Intraoperative blood glucose level changes between obese and non-obese non-diabetic patients undergoing general anesthesia for craniotomy surgery.  
Dr. Soumya Chakrabarti              Guide: Prof. Sampa Dutta Gupta              Co-guide: Indrani Chakraborty
- A comparison of hemodynamic effects between induction agents propofol & etomidate in patients undergoing lumbar spinal surgeries.  
Dr. Aporajita Sinha              Guide: Prof. Amita Acharjee              Co-guide: Dr. Saikat Niyogi

- The abilities of pulse pressures and stroke volume variations to predict fluid responsiveness in prone position during lumbar fixation surgery.  
Dr. Sudeshna Padhi                      Guide: Prof. Amita Acharjee                      Co-guide: Indrani Chakraborty

## **SERVICE INFORMATION**

### **OPD ( Pain Clinic )**

Number of old patients attending	650
Number of new patients attending	50

### **No. of operations done in the operation theatres of BIN:**

Major OT 1190

Minor OT

- Lumbar puncture 150
- Peripheral block for trigeminal neuralgia 96
- USG guided central line 102
- USG guided peripheral block for lower limb (caudal/sciatic nerve block) 37
- USG guided peripheral block for upper limb (brachial/stellate ganglion block) 21

### **Neurointensive care unit (NICU)**

Admitted 544	Discharged 386
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**No. of CT scan under GA**                      350

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