



# AIIMS NEUROANAESTHESIA UPDATE 2017

**Date: 6<sup>th</sup> - 7<sup>th</sup> Oct 2017**

(Pre- Conference Workshop: 5<sup>th</sup> Oct 2017; ANLS: 7 - 8<sup>th</sup> Oct 2017)

Venue: JLN Auditorium, AIIMS, New Delhi

**SCIENTIFIC PROGRAMME**



**6<sup>th</sup> Oct 2017**

**Day 1**

**8.00 am – 8.30 am: Registration**

**8.30 am – 11.30 am: Live Workshop**

(Live demonstration of neurosurgery cases from AIIMS Neurosurgery OR)

Experts: Dr. Parmod K Bithal, Dr. Arvind Chaturvedi,  
Dr. Deepak Sharma, Dr. M Radhakrishnan

Moderators: Audience- Dr. H Bhagat, Dr. Virendra Jain, Dr. Varun Jain  
Operating Room- Dr. K Goyal, Dr. Charu Mahajan

**10.00 am – 10.20 am: Refreshments**

**10.20 am - 11.30 am: e – Poster session (A Walk through poster in the foyer)**

Judges: Dr. Ponniah V, Dr. Hemanshu Prabhakar, Dr. Tumul Chowdhury,  
Dr. Ramamani M, Dr Jayashree Sood, Dr. S Manikandan

Co-ordinators: Dr. Navdeep Shokal, Dr. Indu Kapoor

**11.30 am – 12.30 pm: Session I: Technological advancements**

Chairpersons: Dr. Mary Abraham, Dr. KJ Choudhary, Dr. Jayashree Sood

11.30 am - 11.45 am: Electrophysiology in mapping of sensory/ motor cortices, mapping and monitoring of sub-cortical pathways & cranial nerves and their dependence on Neuroanaesthesia

Speaker: Dr. M T Imtiaz

11.45 am – 12.00 pm: Use of newer technologies in Neuroanaesthesia practice.

Speaker: Dr. Prasanna Bidkar

12.00 pm – 12.25 pm: Intraoperative Neuromonitoring- Is it Boon or Curse

Speaker: Dr. Marshall F Wilkinson

12.25 pm – 12.30 pm: Discussion

**12.30 pm - 1.20 pm: Session II: Neurotrauma**

*Chairpersons: Dr. HH Dash, Dr. Rajiv Chawla, Dr. Sobha Purohit.*

12.30 pm - 12.45 pm: Paroxysmal sympathetic hyperactivity- A storm after acute brain injury

*Speaker: Dr. Parmod K Bithal*

12.45 pm - 1.00 pm: Anaesthetic management of patient with spinal cord injury

*Speaker: Dr. Deepak Sharma*

1.00 pm - 1.15 pm: Management of brain trauma in adult. What is new?

*Speaker: Dr. Manish Marda*

1.15 pm – 1.20 pm: Discussion

**1.20 pm – 2.00 pm Lunch**

**2.00 pm - 2.30 pm Session III: Interactive case discussion**

Topic: A 26 year female patient with second trimester pregnancy presented with large left parasagittal meningioma.

*Expert: Dr. Pragati Ganjoo, Dr. S Manikandan*

*Moderator: Dr. Keshav Goyal, Dr. Surya K Dube*

**2.30 pm – 3.20 pm Session IV: Coagulation abnormalities in Neurosurgery**

*Chairpersons: Dr. Deepak Sharma, Dr. Harsh Shapra, Dr. Neerja Bharti*

2.30 pm- 2.45 pm: Coagulation abnormalities following head injury- diagnosis and management.

*Speaker: Dr. Kavita Sandhu*

2.45 pm – 3.00 pm: Management of head injury patients with pre-existing coagulation disorders.

*Speaker: Dr. Swagata Tripathy*

3.00 pm – 3.15 pm: Perioperative management of patient on oral anticoagulants for neurosurgery.

*Speaker: Dr. Saurabh Anand*

3.15 pm – 3.20 pm: Discussion

**3.20 pm – 3.55 pm Session V: Video lectures**

*Chairperson: Dr. Arvind Chaturvedi, Dr. Sandeep Chauhan*

3.20 pm – 3.35 pm: SjVO<sub>2</sub>: Technique of placement and interpretation of values.

*Speaker: Dr. Prasanna Bidkar*

3.35 pm – 3.50 pm: Transesophageal echocardiography: Technique and Tips.

*Speaker: Dr. Vishwas Malik*

3.50 pm – 3.55 pm: Discussion

**3.55 pm - 5.00 pm      Inauguration and Refreshment**

**5.00 pm- 5.30 pm:      Session VI: Interactive Case Discussion**

Topic: A 2 year old child with giant occipital encephalocele and short neck posted for diagnostic MRI. What will be your anaesthetic plan?

*Experts: Dr. Ratan Chelani, Dr. Virendra Jain*

*Moderator: Dr. Nidhi Gupta, Dr. Varun Jain*

**5.30 pm – 6.15 pm:      Session VII: Panel discussion**

Topic: Future generation of Anaesthesiologists- What Professional Qualification should we aim for?

*Moderator: Dr. Mary Abraham*

*Panelists: Dr. HH Dash, Dr. Sushma Bhatnagar, Dr. Rajeshwari Subramaniam, Dr. Deepak Sharma, Dr. V Ponniah*

**6.15 pm – 7.00 pm:      Session VIII: Pros and Cons debates**

*Chairpersons: Dr. Pragati Ganjoo, Dr. Shashi Srivastava, Dr. M Srilata, Dr. Arvind Arya*

6.15 pm - 6.35 pm: Debate 1: Conventional versus goal directed fluid therapy in elective neurosurgery

*Speakers:            Pros: Dr. Sujoy Banik  
                         Cons: Dr. Kiran Jangra*

6.35 pm – 6.55 pm      Debate 2: Balanced salt solution or conventional fluid for neurosurgical patient- what should be the choice?

*Speakers:            Pros: Dr. Rahul Yadav  
                         Cons: Dr. Vasudha Singhal*

6.55 pm – 7.00 pm: Discussion

**7.00 pm – 8.00 pm:      Quiz competition**

*Moderators: Dr. Tumul Chowdhury, Dr. Surya Dube, Dr. Varun Jain*

**8.00 pm onwards      Gala Dinner**

**8.00 am – 8.30 am: Registration****8.30 am – 9.20 am Session IX: Neuroanaesthesia: Basic knowledge to newer research**

*Chairpersons: Dr. Parmod K Bithal, Dr. Ravinder K Batra, Dr. G Parameswara*

8.30 am – 8.45 am: Cerebral autoregulation: Understanding the brain physiology.

*Speaker: Dr. Ramamani Mariappan*

8.45 am- 9.00 am: Biomarkers of neuronal injury: the current status!

*Speaker: Dr. H K Venkatesh*

9.00 am – 9.15 am: Translational research in Neuroanaesthesia: from bench to bed!

*Speaker: Dr. V J Ramesh*

9.15 am – 9.20 am: Discussion

**9.20 am - 10.15 am Session X: Pediatric Neuroanaesthesia**

*Chairpersons: Dr. M K Arora, Dr. R B Singh, Dr. R S Chauhan*

9.20 am - 9.40 am: Practical considerations for pediatric neuroanesthesia.

*Speaker: Dr. Mihir Pandia*

9.40 am – 9.55 am: Anaesthesia and developing brain- An insight!

*Speaker: Dr. D Padmaja*

9.55 am – 10.10 am: Difficult pediatric airway in neuroanaesthesia practice: evaluation and management.

*Speaker: Dr. Monica Tandon*

10.10 am – 10.15 am: Discussion

**10.15 am - 10.35 am Refreshments****10.35 am- 11.10 am Session XI: Drugs in Neuroanaesthesia**

*Chairpersons: Dr. Shashi Srivastava, Dr. H K Venkatesh, Dr. Mukul Jain*

10.35 am – 10.45 am: Dexmedetomidine in Neuroanaesthesia and Neurocritical care.

*Speaker: Dr. S Manikandan*

10.45 am – 10.55 am: Tranexamic acid in Neuroanaesthesia practice.

*Speaker: Dr. Bhavna Hooda*

10.55 am – 11.05 am: Ketamine: Does it have any role in Neuroanaesthesia?

*Speaker: Dr. Ankur Luthra*

11.05 am – 11.10 am: Discussion

**11.10 am – 12.05 pm: Session XII: Brain Interactions**

*Chairpersons: Dr. V J Ramesh, Dr. Kavita Sandhu, Dr. Hemant Bhagat*

11.10 am – 11.35 am: Brain-heart Interactions: Is it Bidirectional?

*Speaker: Dr. Tumul Chowdhury*

11.35 am – 12.00 pm: Brain-Lung crosstalk: A complex interaction!

*Speaker: Dr. M Radhakrishnan*

12.00 pm – 12.05 pm: Discussion

**12.05 pm – 12.40 pm: Session XIII: Neurointensive Care**

*Chairpersons: Dr. Monica Tandon, Dr. Jaya Wanchoo, Dr. Yash Javeri*

12.05 pm – 12.20 pm: Non-convulsive status epilepticus- A diagnostic dilemma for neuro intensivist.

*Speaker: Dr. Nidhi Gupta*

12.20 pm – 12.35 pm: Recent advances in the management of acute ischemic stroke.

*Speaker: Dr. V Ponniah*

12.35 pm – 12.40 pm: Discussion

**12.40 pm – 1.15 pm: Session XIV: Emergencies in Neuroanaesthesia: How I do it?**

*Chairpersons: Dr. Harsh Sapra, Dr. Ratan Chelani, Dr. Tumul Chowdhury*

12.40 pm – 12.50 pm: Intraoperative cardiac arrest during CPA surgery in lateral position with head fixed with pins.

*Speaker: Dr. Ranadhir Mitra*

12.50 pm – 1.00 pm: Airway management of seizing patient during awake craniotomy for epilepsy surgery.

*Speaker: Dr. Srilata M*

1.00 pm – 1.10 pm: Catastrophic venous air embolism in an 8 year child undergoing posterior fossa surgery in sitting position

*Speaker: Dr. Vivek Bharti Sharma*

1.10 pm – 1.15 pm: Discussion

**1.15 pm – 1.40 pm: Session XV: Video Session: Ultrasonography: Expanding horizons!**

*Chairpersons: Dr. Rahul Yadav, Dr. M Marda, Dr. Thomas K Muithya*

1.15pm – 1.25 pm: Transocular Ultrasonography for ICP measurement

*Speaker: Dr. Renu Bala*

1.25 pm – 1.35 pm: USG guided arterial cannulation

*Speaker: Dr. Navdeep Sokhal*

1.35 pm – 1.40 pm: Discussion

**1.40 pm – 2.00 pm: Valedictory**

**2.00 pm Onwards: Lunch**

**AIIMS “Acute Neurological Life Support” Course**

**07 Oct 2017 2.00 pm – 6.00 pm**

**08 Oct 2017 8.00 am – 5.00 pm**