



Dept. of Neuroanaesthesiology & Critical Care
AIIMS, New Delhi

Presents

**3rd ANNUAL CONFERENCE OF
NEUROCRITICAL CARE SOCIETY OF INDIA (NCSI 2022)**

&

**8th AIIMS NEUROANAESTHESIA AND
NEUROCRITICAL CARE UPDATE 2022**

Workshop: 6th October 2022

Conference: 7th - 9th October 2022

Venue: Hotel Pride Plaza, Aerocity, New Delhi

Theme: Emerging challenges and advances in Neurocritical Care

SCIENTIFIC PROGRAM

Day 1 - 7th October 2022 | Friday | Hall 1

Time	Topic	Speaker
08:30 - 09:10 AM	Session 1	
	Chairperson: Rajashree Deopujari, M P Pandia	
08:30 - 08:45 AM	Widening horizons of Neurocritical care: Scope and way forward	Radhakrishnan M
08:45 - 09:00 AM	Key studies in neurocritical care: Review of five years	Georgine Singh
09:00 - 09:10 AM	Discussion	
09:10 - 10:20 AM	Session 2	
	Chairperson: CE Deopujari, HH Dash, Achal Kr. Srivastava	
09:10 - 09:30 AM	Current concepts of EVD placement in ICH with intraventricular hemorrhage	Claude Hemphill
09:30 - 09:50 AM	Acute ischemic stroke: Management update	Wade Smith
09:50 - 10:10 AM	See it to believe it: Brain Ultrasound	Chiara Robba
10:10 - 10:20 AM	Discussion	
10:20 - 10:50 AM	Tea/Coffee Break	
10:50 - 11:20 AM	Session 3	
10:50 - 11:20 AM	Baxter Session Panel discussion Recovery in Neurosurgery Patients: Inhalational vs TIVA	Moderator : Barkha Bindu TIVA- Sarika Juneja/ Mathangi Krishna Kumar Inhalational- Kastuv Dutta/ Ankur Dhanda
11:20 AM - 12:30 PM	Session 4	
	Chairperson: GS U Maheswara Rao, Monica Tandon, Smita Sharma	
11:20 - 11:40 AM	Blood Pressure targets and its control in ICH patients	Rohit Bhatia
11:40 AM - 12:00 PM	Sick Brain disturbs the Heart and Lung	Tumul Chowdhury
12:00 - 12:20 PM	Cerebral Autoregulation: Bench to Bedside	Yashuhiro Kuroda
12:20 - 12:30 PM	Discussion	
12:30 - 01:15 PM	Session 5 - Prof Saini Dash Bithal Oration	
	Chairperson: Arvind Chaturvedi, Girija Prasad Rath	
12:30 - 01:15 PM	Neurocritical care : past, present and future	CE Deopujari
01:15 - 02:00 PM	Lunch Break	
02:00 - 02:50 PM	Session 6 - Video Session	
	Chairperson: VJ Ramesh, Virendra Jain, Vasudha Singhal, Amlan Swain	
02:00 - 02:10 PM	Raised ICP with different lenses	Indu Kapoor
02:10 - 02:20 PM	Cerebral Autoregulation assessment by Transcranial Doppler	Chiara Robba
02:20 - 02:30 PM	Diaphragmatic assessment with Ultrasound	Ashutosh Kaushal
02:30 - 02:40 PM	DVT Assessment with Ultrasound	Sudhir V
02:40 - 02:50 PM	Discussion	

02:50 - 04:00 PM	Session 7	
	Chairperson: Bibhu Kalyani Das, Ramesh Doddamani, Nitin Manohar	
02:50 - 03:10 PM	Unraveling Bedside EEG in Neuro ICU	Vinit Ponia
03:10 - 03:30 PM	New insights and Therapeutic horizons of DCI	Jose Suarez
03:30 - 03:50 PM	Active Rehabilitation in Neuro ICU	Praveen George
03:50 - 04:00 PM	Discussion	
04:00 - 04:40 PM	Session 8	
04:00 - 04:40 PM	Panel Discussion: Acute Ischemic Stroke: Dilemma and Decision Making	Moderator: Pooniah Vanamoorthy Panelists: Jose Suarez Aditya Gupta Tariq matin Awadh Kishor Pandit
04:40 - 05:50 PM	Session 9	
	Chairperson: Manisha D Katikar, Ravindra Sisodia, Rachna Bhutani	
04:40 - 05:00 PM	Pearls of hemodynamic management of Acute Cervical Spine Injury	Geraldine Mariano
05:00 - 05:20 PM	Mechanical Ventilation in Quadriparetic Cervical Spine patients	Jeff Singh
05:20 - 05:40 PM	ARDS in Acute Brain Injury	Sanjith Shashidharan
05:40 - 05:50 PM	Discussion	
06:00 : 07:00 PM	Inauguration Followed by Dinner	
Day 1 - 7th October 2022 Friday Hall 2		
Time	Topic	Speaker
08:00 : 09:00 AM	Podium Presentation - Award Research Paper	
08:00 - 08:07 AM	Comparative study of automated quantitative pupillometry and clinical pupillometry in neurocritical care pupillometry in neurocritical care	Mangesh Mulaokar
08:09 - 08:16 AM	Rate of multidrug resistance to antimicrobial drugs in paediatric neurointensive care patients	Swapnil Patel
08:18 - 08:25 AM	Evaluation of Transcranial Doppler velocity variations and assessment of cerebral oxygenation using near-infrared spectroscopy (nirs) in patients undergoing neurosurgical procedures as a novel marker for clinical outcome and prognostication – an observational study	Jeeva George
08:27 - 08:34 AM	A randomized control trial to evaluate the effects of Ketofol and Propofol on cerebral oxygenation in patients undergoing Trans-sphenoidal pituitary surgery under total intravenous anaesthesia	Sudeshna Padhi
08:36 - 08:43 AM	Near infrared spectroscopy guided management to predict and prevent the incidence of postoperative complications after surgical excision of cerebral arteriovenous malformation	Jithumol Thankam Thomas

08:45 - 08:52 AM	Comparison of change in the Pulsatility index before and after ventriculoperitoneal shunt surgery in adult patients with hydrocephalus	Deepak GP
08:54 - 09:00 AM	Early detection and treatment of meningitis induced vasospasm: When time is brain	Mathangi Krishnakumar
10:30 - 11:30 AM	Quiz - Prelims	Quiz Masters: Ankur Luthra Nitasha Mishra Shashank Paliwal
03:30 - 04:00 PM	Poster Session - Screen 1	
Time	Topic	Speaker
03:30 - 03:36 PM	Incidence & risk factors for prolonged ICU Stay After Pituitary Surgery A Prospective Study	Deepak Nandwana
03:38 - 03:44 PM	Analysis of the anesthetic management, peri procedural complications and outcome after embolization of vein of Galen malformation in pediatric patients presenting with and without congestive cardiac Failure-A single center retrospective study	Neha Sharma
03:46 - 03:52 PM	Pain in Neuro Intensive Care Unit. An Interim analysis of preliminary data	Parthiban Giribabu
03:54 - 04:00 PM	Electrolyte abnormalities in patients with Head injury during ICU stay: a prospective observational study	Srinivasan R
04:02 - 04:08 PM	Comparison of isotonic balanced crystalloid with normal saline in traumatic brain injury patients undergoing craniotomy	Lakshay Bhalla
04:10 - 04:16 PM	Perioperative Electrolyte Imbalance and its Effect on Outcome in Patients with Aneurysmal Subarachnoid Haemorrhage	Apoorva Singh
04:18 - 04:24 PM	Comparison of the metabolic effects of sterofundin and plasmalyte-a in adults undergoing elective craniotomies for supratentorial brain tumors	Pooja Chapegadikar
Screen 2 - Poster Session - Research Papers		
Time	Topic	Speaker
03:30 - 03:36 PM	Incidence and Etiology of Water Metabolism Disorders in Patients Undergoing Transnasal Transsphenoidal Resection of Pituitary Tumors. An Observational Study.	Shahid Ahmad Mir
03:38 - 03:44 PM	Comparison of ultrasound guided and palpatory method of posterior tibial artery cannulation- A randomised comparative study	Sakshi Kadiyan
03:46 - 03:52 PM	Effectiveness of simulation based educational package on the knowledge and skills regarding triaging among nurses	Divya
03:54 - 04:00 PM	Electroencephalography and Bispectral index reactivity to predict outcome in unconscious patients with acute severe traumatic brain injury	Gayatri Sakrikar

04:02 - 04:08 PM	Comparison of optic nerve sheath diameter (ONSD) measurements obtained from USG before and after placement of ventriculoperitoneal shunt in obstructive hydrocephalus as a surrogate marker for adequacy of shunt function- A prospective observational study	Adethen Gunasekaran
04:10 - 04:16 PM	Anaesthetic management of Deep brain stimulation in Hallervorden Spatz syndrome: Surviving the “Eye of the Tiger”	Unmesh Pramod Bedekar
04:18 - 04:24 PM	A Prospective observational study involving three fixed infusion regimens of phenylephrine for hemodynamic support	Aymen Khan

Session 3 – Poster – Case Report

Time	Topic	Speaker
03:30 - 03:36 PM	Perioperative challenges in a patient of Congenital Overgrowth syndrome presenting for surgery of Spinal Arteriovenous Malformation	Karandeep Singh
03:38 - 03:44 PM	Anaesthetic management of patient with thyrotoxicosis for intracranial aneurysm clipping	Bhavani Balasubramanian
03:46 - 03:52 PM	Artefactual alterations in bispectral index by electromyographic interference- a case report	Parthiban Giribabu
03:54 - 04:00 PM	Management of dvt in an aneurysm patient. Is it different a case report	Sneha Pandit
04:02 - 04:08 PM	An unusual cause of perioperative cardiac arrest in a patient of Trigeminal Neuralgia	Neha Bhandari
04:10 - 04:16 PM	Anesthetic management of neurosurgical patients with a Cardiac Implantable Electronic device (CIED)	Rajishth Mittal

Day 2 - 8th October, 2022 | Saturday | Hall 1

Time	Topic	Speaker
08:30 - 09:10 AM	Session 1	
	Chairperson: Nidhi Panda, Shashi Shrivastava	
08:30 - 08:45 AM	Brain death: Ethics and Legalities	R.K. Mani
08:45 - 09:00 AM	Therapies to restore consciousness in patients with severe brain injuries: Gaps and future directions	Manikandan S
09:00 - 09:10 AM	Discussion	
09:10 - 10:20 AM	Session 2	
	Chairperson: KJ Choudhary, Harish Sachdeva, Dhaval Shukla	
09:10 - 09:30 AM	Pearls of Sepsis management at bedside	Sumit Ray
09:30 - 09:50 AM	Preventing Brain Concussion	Michael Dinsmore
09:50 - 10:10 AM	CENTER-TBI: Observations and inferences and way forward	Giuseppe Citerio
10:10 - 10:20 AM	Discussion	
10:20 : 10:50 AM	Tea Break	

10:50 : 11:40 AM	Session 3: Prof GS Uma Maheshwar Rao Oration	
	Chairperson: V Bhadri Narayan, Ramesh VJ, M N Chidanand Swamy	
10:50 - 11:40 AM	ICU-acquired Acute Neuromuscular Disorders and Muscle Weakness: Are they of interest for the Neurocritical Care Community?	Nicola Latronico
11:40 AM - 12:35 PM	Session 4	
	Chairperson: MV Padma Srivastava, Pragati Ganjoo, Kiran Jangra	
11:40 - 11:55 AM	Cortical venous thrombosis: Diagnosis and Management	Harshal Dhokale
11:55 AM - 12:10 PM	Dilemmas of Temperature management in Brain Injury	Indranil Ghosh
12:10 - 12:25 PM	NCSE : Identification & management in Neuro ICU	M N Chidananda Swamy
12:25 - 12:35 PM	Discussion	
12:35 - 01:15 PM	Session 5	
12:35 - 01:15 PM	Panel Discussion : SAH beyond Vasospasm	Moderator: Saurabh Anand Panelist: Yaser Abul Hasan Ashish Suri Ajay P Hrishi Hemant Bhagat
01:15 - 02:00 PM	Lunch	
02:00 - 02:35 PM	Session 6 - Video session	
	Chairperson: Renu Bala, Vivek B Sharma, Ashoo Wadhera	
02:00 - 02:10 PM	Infrared pupillometry: Pupillary assessment	Jayanth Seshan
02:10 - 02:20 PM	Swallowing assessment	Shashidhar T
02:20 - 02:30 PM	SjVO2 Monitoring	Hemant Bhagat
02:30 - 02:35 PM	Discussion	
02:35 - 03:10 PM	Session 7	
	Chairperson: RS Chouhan, Rajnish Kumar, Sumit Kalra	
02:35 - 02:45 PM	Augmented Renal Clearance in Acute Brain Injury	Arun Kumar
02:45 - 02:55 PM	Tranexamic acid in Neuro ICU	Bhavna Hooda
02:55 - 03:05 PM	Dexmedetomidine and Neurointensivist	Rahul Yadav
03:05 - 03:10 PM	Discussion	
03:10 - 04:20 PM	Session 8	
	Chairperson: HH Dash, Bhuvn Ch Pandey, Gaurav Kakkar	
03:10 - 03:30 PM	PSH - Pointers, Management nuances	Alejandro A. Rabinstein
03:30 - 03:50 PM	Blood Biomarkers for decision support in TBI	David Menon
03:50 - 04:10 PM	Competency-based training in NCC –Directions and Future Paradigm	Arun Gupta
04:10 - 04:20 PM	Discussion	
04:20 - 04:45 PM	Tea Break	

04:45 - 06:00 PM	Session 9 Debates	
	Chairperson: Srilata Moningi, Kanwaljeet Garg, Badri Prasad Das	
04:45 - 05:05 PM	TEG-based Transfusion strategy: For or Against	Pro: Siddharth Chavali Con: Ramamani Mariappan
05:05 - 05:25 PM	Hemicraniectomy in Malignant Stroke in Elderly (>60 years): For or Against	Pro: Deepti Vibha Con: Shweta Kedia
05:25 - 05:35 PM	Discussion	
	Chairperson: Ajai Chandra, Harshal Dhokle	
05:35 - 06:00 PM	Emerging Technologies and Innovations in NCC	Navdeep Sokhal
06:00 - 07:00 PM	GB Meeting	
7:00 PM onwards	Gala Dinner	
Day 2 - 8th October, 2022 Saturday Hall 2		
Time	Topic	Speaker
08:00 - 09:00 AM	Podium Session - Award Research Paper	
08:00 - 08:07 AM	Ultrasound Assessment of Diaphragm Function in Traumatic Brain Injury: A Prospective Observational Study	Kalicharan Das
08:09 - 08:16 AM	The incidence and outcome of post-operative pulmonary complications after aneurysmal sah: an observational study	Vinitha N
08:18 - 08:25 AM	Multimodal non invasive brain monitoring in cerebral venous thrombosis patients - interim analysis of an exploratory study	Prachi Sharma
08:27 - 08:34 AM	A prospective observational study to evaluate the influence of propofol on the elicitation of focal neurological deficits using NIHSS score and SSEP in patients undergoing resection of gliomas	Sapna Suresh
08:36 - 08:43 AM	Comparison of glasgow coma scale, full outline of unresponsiveness and glasgow coma scale-pupils score for predicting outcome in patients with traumatic brain injury	Abraham Lalchhana
08:45 - 08:52 AM	An ultrasonographic evaluation of effect of ventriculoperitoneal shunt on optic nerve sheath diameter, third ventricular diameter and pulsatility index: A prospective observational study	Sandhya Rani SV
08:54 - 09:00 AM	Anaesthetic management of a patient with coronary pulmonary fistula undergoing cerebellopontine angle lesion excision	Keta Thakkar
09:30 - 10:30 AM	Quiz - Prelims	Quiz Masters: Ankur Luthra Nitasha Mishra Shashank Paliwal

Screen 1 - Poster Session - Case Report

Time	Topic	Speaker
03:30 - 03:36 PM	A case of post covid infection intracerebral fungal abscess	Sharath Krishnaswami
03:38 - 03:44 PM	Anaesthetic and Critical Care management of incidentally found Hemophilia-B in a pediatric patient of Down syndrome with arterio-venous malformation bleed – A case report	Musunuru Mahendranath
03:46 - 03:52 PM	Pre-existing large lung bullae or Pneumothorax and diagnostic dilemma in polytrauma settings” a case report	Deepak GP
03:54 - 04:00 PM	Forty - five critical ICU days in GBS: A case report	Yaseen Taj K
04:02 - 04:08 PM	A case report of Cryptic Cryptococcal meningitits	Swati Singh
04:10 - 04:16 PM	Quadriplegia: a rare finding in Sjogrens syndrome	Shruti Gupta

Screen 2 - Poster - Case Report

Time	Topic	Speaker
03:30 - 03:36 PM	Motor evoked potential monitoring and dental injury: a rare occurrence and glitches in modern anaesthetic practice	Stuti Bhamri
03:38 - 03:44 PM	A rare case of bradycardia and hypotension following administration of ondansetron in a patient posted for spinal fixation	Sandeep Dey
03:46 - 03:52 PM	Cerebral hyperperfusion encephalopathy post ipsilateral carotid stenting: a local or a global phenomenon?	Nathasha Vas
03:54 - 04:00 PM	Management of refractory cerebral edema despite decompressive craniectomy	Aung Kaung Myat
04:02 - 04:08 PM	A rare case of stunned myocardium in a posterior circulation	Pawan Kumar

Screen 3 - Poster - Case Report

Time	Topic	Speaker
03:30 - 03:36 PM	Covid induced refractory seizures management	Deepanshu Bhardwaj
03:38 - 03:44 PM	Anesthetic management of an unusual neurovascular phenotype sarcoma of scalp in a patient of neurofibromatosis 1	Shuchi Smita
03:46 - 03:52 PM	Management of a known case of Neurofibromatosis I presenting as a difficult airway due to ruptured vertebral artery aneurysm and resulting hemothorax as a challenge for post-op ventilation	Pratima Shetty
03:54 - 04:00 PM	Reliability of Glasgow Outcome Scale - Extended (GOSE) application for assessment of outcome in patients with traumatic brain injury (TBI)	Dhaval Shukla

Day 3 – 9th October, 2022 | Sunday

Time	Topic	Speaker
08:30 - 09:25 AM		
Session 1		
Chairperson: Shashi Srivastava, Ratan Chelani, Ganga Prasad		
08:30 - 08:45 AM	Transfusion triggers in NCC: Clinical Pearls	Manish Marda
08:45 - 09:00 AM	Recommendations in Acute stroke with AF	A Elavarasi
09:00 - 09:15 AM	Anti-thrombotics in ICH: RRR (Reversal Resuming Recommendation)	Sindhu Muthukalai
09:15 - 09:25 AM	Discussion	
09:25 - 10:20 AM		
Session 2 (Update session practical application)		
Chairperson: Devendra Gupta, Harsh Sapra, Rohini Surve, Rajeev Agarwal		
09:25 - 09:35 AM	Tracheostomy care: Vocalization + Decannulation	Arvind Kairo
09:35 - 09:45 AM	Care of Brain Drains	Dhaval Shukla
09:45 - 09:55 AM	DVT Chemoprophylaxis in Neurocritical Care	Shalini Nayar
09:55 - 10:10 AM	Recent advances in acute Neurorehabilitation in Neurocritical care	Abhishek Srivastava
10:10 - 10:20 AM	Discussion	
10:20 - 10:30 AM		
Tea Break		
10:30 - 11:40 AM		
Session 3		
Chairperson: Radhakrishnan M, Richa Agarwal, Vijay Hadda, Manish Soneja		
10:30 - 10:45 AM	Choosing Antibiotics in Neuro ICU	Subramanian Swaminathan
10:45 - 11:00 AM	Myasthenic crisis	Sumit Singh
11:00 - 11:15 AM	Challenges in ICU management of Neuromuscular disorders: Dysautonomia and weaning	Sonia Bansal
11:15 - 11:30 AM	Sedation Analgesia assessment in Neuro ICU	Pallav Kumar
11:30 - 11:40 AM	Discussion	
11:40 AM - 12:10 PM		
CHI Running: Way to Healthy Life		Col. Avdesh Kumar (Retd.)
		Chairperson: Milind Hote Dinesh Rawat Keshav Goyal
12:10 - 12:50 PM		
Session 4		
12:10 - 12:50 PM	Panel: Meningitis and Encephalitis	Moderator: Saurabh Anand Panelist: Sumit Singh Subramanian Swaminathan Sachin Borkar Neha Rastogi

12:50 - 02:00 PM	Session 5	
	Chairperson: Rajiv Chawla, Sushma Bhatnagar, Maneesh Singhal	
12:50 - 01:05 PM	Lessons Learnt from the Pandemic	Joseph Monteiro
01:05 - 01:20 PM	Humanizing ICU Care	Kavita Sandhu
01:20 - 01:30 PM	Discussion	
	Chairperson: Obaid Ahmad, Nitin Jain	
01:30 - 02:00 PM	Case Scenario- PBLDs - Sodium Disturbances in Neuro ICU	Ankur Khandelwal Ramandeep Kaur
02:00 - 02:15 PM	Valedictory Function	
02:15 PM Onwards	Lunch	
Day 3 - 9th October, 2022 Sunday Hall 2		
Time	Topic	Speaker
08:00 - 09:00 AM	Podium Session - Award Case Report & Faculty Paper	
08:00 - 08:06 AM	Intravenous Milrinone in ARDS: Beyond the bounds of conventional approaches- a case report	Prachi Sharma
08:08 - 08:14 AM	Cervical epidural hematoma masquerading as thrombosis of intracranial flow diverter in situ. A diagnostic and therapeutic conundrum	Mrinalini Singh
08:16 - 08:22 AM	Seizure as a presentation of Thrombotic Thrombocytopenic Purpura	Niranjana
08:24 - 08:30 AM	Novel approach to weaning failure using Pregabalin- A Report of 2 Cases	Amarjyoti Yadav
08:32 - 08:38 AM	Perioperative management of a child with rare congenital bleeding disorder presenting with intracranial haemorrhage	Jacob Mathew
08:40 - 08:46 AM	A rare case of air embolism while instilling air into lumbar drain in microscopic Trans sphenoidal trans nasal surgery for excision of pituitary tumour	Ankita Jaiswal
08:48 - 08:54 AM	A prospective comparative analysis of initial Glasgow coma scale - Pupils score (GCS-P) versus the subdural hematoma in elderly score (SHE) verses the effect of frailty in outcome prediction in elderly patients with chronic subdural hematoma prospective study	Deep Sen Gupta
08:56 - 09:02 AM	Adult Respiratory Distress Syndrome of aneurysmal Subarachnoid Haemorrhage - Venous – Venous ECMO – Role and Limitations	Chidananda Swamy
09:04 - 09:10 AM	Near-infrared Spectroscopy Device for Detection of Posttraumatic Hematoma	Dhaval Shukla



Conference Secretariat:

Dr. Keshav Goyal

709A, Department of Neuroanesthesiology and Critical Care,
Neuro Science Centre, AIIMS, New Delhi – 110029

Mobile: +91 9999079795, 9818510785

Email: ncsiaiims2022@gmail.com

Conference Manager:

Neumech Events

11, G Floor, Ansal Tower-38, Nehru Place, New Delhi - 110019, India

Mobile: +91 97172 98178

Email: desk@conferenceindia.org

www.conferenceindia.org

www.ncsi2022.com