



ISNACC e-News

May 2023



**The Official Newsletter of the
Indian Society of Neuroanaesthesiology and Critical Care**

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ISNACC e-News May 2023

Table of Contents

Content	Page No.
1. Messages	
a. Secretariat Message	5
b. Editor's Message	6
2. Society Corner	
a. ISNACC e-Education Committee Report	7-10
b. ISNACC Endorsed programs	11-14
c. Welcome New Members	15
d. ISNACC Grants	16
e. Report of Annual ISNACC Meeting	17-19
3. Resident's Corner	
a. Scratch your brain	20-26
i. Winners of last Edition Puzzle	20
ii. Puzzle	20
iii. Write-Up competition	22-26
b. Course completing residents & their achievements	26-36
4. Awards and Honours	37
5. Information Corner - Upcoming Meetings	41

SECRETARIAT

Message



Girija P Rath, MD, DM
Secretary



Gyaninder P Singh, MD, DM
Treasurer

Dear Members,
Greetings from the Secretariat!

Last year was quite eventful for ISNACC. We are stepping into the 25th year of conceptualizing ISNACC as the torch bearer of Neuroanesthesia and Neurocritical Care in India. With the backing up of nearly 1000 life members, the Society is well prepared to celebrate its silver jubilee meeting at Pune during 15-18 February 2024, spearheaded by AFMC (Armed Forces Medical College) team. It's well coincided with Azadi Ka Amrut Mahotsav (Elixir of Energy of Independence), which we are celebrating as proud Indians for the 75 years of independence, and for our glorious history, culture, and achievements.

The Society is now fully equipped with teaching activities under the vibrant banner of 'ISNACC e-Education'. There is further enthusiasm for Neuroanesthesia training imparted by our Society with four other institutions accredited for the Post-Doctoral Fellowship (PDF) course; accreditation of another two is in the process. The first overseas Neurocritical Care (NCC) course started in Brunei, and another two institutions have shown interest in the NCC-PDF programme under the banner of ISNACC. Dissemination of information on each ISNACC initiative has been smoothed with appropriate use of social media, newsletter, website updates, as well as emails from the Secretariat. The target is to make ISNACC an important international stake holder in our specialty. A lot of selfless contribution is expected to achieve this goal. Hence, the current leadership encourages members to volunteer their passion for any ISNACC activity that would benefit Society and individual members. Several training courses are ready to be taken off this year after the due approval at the Society level. The formation of the Academy of Neuroanesthesia and Neurocritical Care is underway and is expected to be launched during the silver jubilee conference at Pune.

Please keep in touch with us at the webpage: www.isnacc.org; Twitter: @ISNACCINDIA; LinkedIn: ISNACC INDIA; Facebook: ISNACC; and Telegram/WhatsApp +91 9650609220. Do mail us your suggestions and comments: info@isnacc.org or isnaccsecretary@gmail.com.

Happy reading ISNACC eNews!

EDITOR'S *Message*



Kiran Jangra
MD, DM, A-FAMS

Greetings from ISNACC e-News Team

I hope you enjoyed the previous issues till now. With the help of my assistant editors, Navneh Samagh (Associate Professor, AIIMS Bathinda) and Sangeetha RP (Assistant Professor, NIMHANS Bengaluru), and encouragement of Secretariat, I bring to you the next edition ISNACC e-News.

This edition welcomes the winners of ISNACC elections and new members of the society.

It gives the details of various activities of ISNACC e-education committee and ISNACC endorsed programs. Along with this the various grants provided by the society to various organizations or individuals.

My heart felts congratulations to all the residents for their achievements in winning various awards. A token of appreciation will be provided to the puzzles and write-up winners.

The new brain storing puzzle is waiting. I hope more and more residents participate this time and win prizes.

Looking forward for the encouragement, and constructive input for the betterment of the subsequent issue to be published in September 2023.

i. e-Webinars

Webinars have always been the integral component of ISNACC e-Education. The society has conducted four webinars in past five months covering mainly traumatic brain injuries (intraoperative and intensive care management) on 13th Jan, Perioperative and ICU management spinal cord injury on 10th Feb, Neurosurgical site infections: Epidemiology & risk factors and Prevention and control on 7th April and Brain heart crosstalk: Trigemino-cardiac reflex, neurogenic stunned myocardium and Neurogenic pulmonary edema on 21st April. These webinars were delivered by esteemed faculties having vast experience in the field and moderators included highly experienced and learned faculties from all over India. Nearly 50-60 participants on an average attended these webinars both from India and abroad.

The post-webinar discussion was quite interactive and informative.

Trauma being highly prevalent in India is the topic of clinical interest. Dr. Sabina Regmi and Dr. Sweetha S Mohan discussed the sub-topics 'Perioperative management' and 'ICU management' respectively. Dr. Saurabh Bhargava and Dr. Keshav Goyal, distinguished senior faculties, moderated this session. During that webinar the perioperative challenges and their management were discussed. The practical aspects of recent evidences were discussed for intensive care management of TBI and SCI. This was followed by session on 'Traumatic cervical spine injury' on 10th February which was presented by Dr. Shashank U Paliwal and Dr. Rupali Brahma on the sub-topics 'Perioperative management' and 'ICU management' respectively. This session was



Kiran Jangra, DM, A-FAMS



**Ankur Khandelwal, MD, DM, DNB,
PDCC, A-FAMS**

a. ISNACC e-Education Committee Reports

moderated by Dr. Bhagyashree KV and Dr. Navdeep Sokhal.

In neurointensive care setup, infections are the leading acquired cause of morbidity. This webinar was presented by Dr. Apinderpreet Singh, Dr. Sarita Mohapatra and Dr. Deepak Solanki on the sub-topics 'Epidemiology & risk factors', 'Laboratory view point' and 'Prevention & control' and moderated by Dr. Hemant Bhagat and Dr. Saurabh Anand. In this webinar a joint team of intensivists, neurosurgeon, and a microbiologist were chosen as speakers. As in real scenario also there has to be a collaborations amongst the team for optimum patients care. Here surgeon described various potential causes and risk factors and their prevention, intensivist described the management of active infection and microbiologist explained the handling of samples and antibiotic management. In brief this webinar was a complete package for the audience to management the infections in neurointensive care.

The brain-heart cross talk is the old concept

but recently has become the area of interest of many neuroanesthesiologists. Dr. Keta Thakkar, Dr. Ranadhir Mitra and Dr. Siddharth Chavali presented on the sub-topics 'Trigemino-cardiac reflex', 'Neurogenic stunned myocardium' and 'Neurogenic pulmonary edema' respectively. The webinar was moderated by Dr. Devendra Gupta and Dr. S. Manikandan. In this webinar the common cardiac manifestations during intracranial pathology or surgeries were discussed. Most importantly, the management of the patients with these manifestation is more challenging. This webinar was quite informative and practically oriented towards care of involved patients.

Overall, these webinars were a great success with respect to the attendance and discussion.

Future webinars will also be directed towards any challenging topic in neurosciences. The next webinar is scheduled on 7th July 2023.

ii. Case based Discussions



Ankur Luthra, MD, DM

The core mission of ISNACC has always been the continuous education and training of all its members in the field of Neuroanesthesiology and neurocritical care through conferences, workshops and CME programmes. The Division of Neuroanesthesia at PGIMER Chandigarh, under the aegis of ISNACC, decided to promote the education and training of residents through Case-based discussions on the various topics of Neuroanesthesia and Neurocritical care.

One such webinar was organised by the ISNACC E-Education committee (a continuation of the initial endeavours of the

a. ISNACC e-Education Committee Reports

Division of Neuroanesthesia at PGIMER, Chandigarh). It was a Case-based Discussion to upraise the audience on Perioperative Considerations and Neurocritical care aspects of Traumatic Brain Injury, which was presented by Dr Nandi Vinayaka B, Senior Resident from the Department of Neuroanesthesia at Christian Medical College at Vellore. It was moderated by Dr Ankur Luthra, Associate Professor, at the Department

of Anaesthesia and Intensive Care, PGIMER, Chandigarh and was chaired by Prof. Nidhi Panda, Head and In charge of the Division of Neuroanesthesia at PGIMER, Chandigarh, along with Prof. Georgene Singh, Head of the Department of Neuroanesthesia, CMC, Vellore and Prof Aashish Bindra, Department of Neuroanesthesiology and Critical Care, AIIMS, New Delhi.

iii. Video Session



Ajay Prasad Hrishi, MD, DM

The education committee of ISNACC initiated the concept of Video-based lecture sessions with the intent to improve the clinical practice of Neuroanesthesiologists and Neurointensivists. Video-based lecture series are a vital component of the multimodal teaching approach that will aid in the better

understanding of the subject and also facilitate interaction with experts in the field. The first video session was conducted on August 19th, 2022, on the topic “Basics of perioperative EEG and EEG-based monitoring for Anesthesiologists,” the second one on “Invasive Intracranial pressure monitoring and waveform analysis and Optic Nerve sheath diameter” on December 16th 2022, and the most recent one on “Thoracolumbar Interfascial Plane Block (TLIP) and Erector Spinae Plane Blocks on 3rd March 2023. The target audience consisted primarily of Anesthesiologists and Intensivists, including junior and senior residents from across the country. The session was moderated by senior faculties who enriched it by contributing from their experience in the field. The webinar was well attended and received overwhelming responses. The audience was delighted with the program and felt that these sessions were relevant to their practice. Most respondents stated that their perioperative practice has improved based on the the topic discussed. Henceforth, ISNACC Video Session webinars will be conducted every 6-8 weeks, and the next upcoming session is scheduled for 2nd June 2023.

iv: Journal Club

The second journal club was conducted as a part of the Indian Society of Neuroanesthesiology and Critical Care (ISNACC) education initiative, on its e-education platform on 17th February 2023. The main purpose of journal club is to be abreast of new knowledge, stay in touch with recent research findings, to critique and appraise the published literature and apply the available knowledge so gained to our daily practice.

The journal club began with an introduction to the program by Dr. Ashish Bindra who highlighted the increasing scientific literature coming from Asian countries and emphasized as how these countries are essential contributors as well as users of results of randomized controlled trials.

The first study of the journal club discussed the effects of supplemental Dexmedetomidine anesthesia on intracranial aneurysm patients undergoing intracranial interventional embolization¹ and was presented by Amarjyoti Yadav, Senior resident, Neuroanesthesiology and Critical Care, All India Institute of Medical Sciences, New Delhi. As a moderator Dr. Jayanth Seshan, did an excellent job, presented the critical appraisal of the study and discussed its practical applications.

The second study looked at safety of withholding perioperative hydrocortisone for patients with Pituitary adenomas with an intact Hypothalamus-Pituitary-Adrenal axis² and was schematically presented by Dr. Jeeva George, Senior Resident and moderated by Dr. Unnikrishnan P, Additional Professor, Division of Neuroanesthesia and Neurocritical Care, Sree Chitra Tirunal Institute for Medical Sciences, Thiruvananthapuram, Kerala. The study picked by them was clinically relevant and Dr Unnikrishnan, very competently evaluated and discussed it.



Ashish Bindra, MD, DM

After article discussion, Dr. Ashish Bindra, discussed the types of randomizations used during designing and conducting a study. Proper randomization is very important to produce interpretable and valid results. This section of the journal club focuses on giving orientation to statistical methods used during study planning and formulation of results.

The journal was attended by good number of participants who relished particularly the critical appraisal of the studies. The next journal club is scheduled in the month of June. We are determined to deliver an excellent learning program to you next time also.

References

Li Z, Liu Q, Yao J, Zhang X. Effects of Supplemental Dexmedetomidine Anesthesia on Intracranial Aneurysm Patients Undergoing Intracranial Interventional Embolization. *World Neurosurg.* 2022;168:e570-e577.

Guo X, Zhang D, Pang H, Wang Z, Gao L, Wang Y, Ma W, Lian W, Xing B; ZS-2608 Trial Team. Safety of Withholding Perioperative Hydrocortisone for Patients With Pituitary Adenomas With an Intact Hypothalamus-Pituitary-Adrenal Axis: A Randomized Clinical Trial. *JAMA Netw Open.* 2022;5 (11):e2242221.

i. CME and Workshop on Brain Death and Organ Donation

on 7th of January 2023 at Amri Hospitals Bhubaneswar



Bhagya Ranjan Jena, MD, DM

A CME and workshop on brain death and organ donation was organized on 7th of January 2023 at AMRI hospitals Bhubaneswar with endorsement of ISNACC and collaboration with SOTTO Odisha. It was attended by 120 delegates state wide who were mostly doctors.

Many eminent speakers from institutions of national importance gave their talk on the

topic.

Dr. Surya Kumar Dube (Additional Professor AIIMS New Delhi) gave the theme address as well as conducted the panel discussion and workshop. Dr. Rajeeb Kumar Mishra (Associate Professor NIMHANS Bangalore) spoke on Brain death diagnosis and certification as well as conducted workshop. Dr. Nitasha Mishra (Assistant Professor AIIMS BBSR) Spoke on screening of brain death and organ donor. Dr Randhir Mitra (Senior consultant Utkal Hospital) spoke on the management of brain death and organ donor. Dr. Bhagya Ranjan Jena (Consultant AMRI Hospital BBSR) spoke on Brain death diagnosis and organ donation in children. Dr. Sanjeev Lalwani (Professor FMT AIIMS New Delhi) spoke on ethical and legal issues in Brain death diagnosis and organ donation. The talk was followed by lunch and then Panel discussion was done which was attended by eminent Neurologists, Neurosurgeons, Critical care physicians. At the end workshop was done following which vote of thanks was done.

I thank ISNACC from core of my heart for endorsing the event.



ii. Report on Acute Neuro Care Workshop held at Sir Ganga Ram Hospitals New Delhi on 17th -18th February 2023.



Ashish Kumar Sahoo, MD, DM

The Institute of Critical Care Medicine Sir Ganga Ram Hospitals New Delhi, in association with ISNACC and NCSI, organized a two-days workshop on Acute Neuro Care on 17th and 18th February 2023. The workshop was held in the Auditorium of Sir Ganga Ram hospitals New Delhi and was attended by doctors specializing in Critical Care Medicine, Internal Medicine, Neuroanesthesia, Neurology, Neurosurgery, and Emergency Medicine.

The inauguration ceremony was graced by eminent personalities, including Dr. Ajay Swaroop, Chairman of the Board of

Management of Sir Ganga Ram hospitals, Prof. Dr. Pramod Bithal, Founder Secretary of ISNACC and Editor of JNACC, Dr. B. K. Rao, Chairman of the Institute of Critical Care Medicine, and other members of the Board of Management of Sir Ganga Ram hospitals. The Chairmen of various departments of Sir Ganga Ram hospitals also attended the event.

The workshop's faculties included Dr. Gyaninder Pal, Dr. Keshav Goyal, Dr. Saurabh Anand, Dr. Niraj Kumar, Dr. Sweetha Mohan, Dr. Ashish Bindra, Dr. Nischint Jain, and Dr. Vivek Mangal, along with other faculties from different departments of Sir Ganga Ram hospitals.

The workshop covered various aspects of Neuroemergency, with topics ranging from Traumatic Brain Injury (TBI), Traumatic Spinal Injury (TSI), Subarachnoid Hemorrhage (SAH), Intracerebral Hemorrhage (ICH), Acute Ischemic stroke (AIS), Neuroradiology, Meningitis, Non-Traumatic Weakness, and Status Epilepticus. The sessions were followed by on-table discussions to provide participants with an opportunity to engage with experts and gain insights on managing acute neurological cases.

During the workshop, experts demonstrated the use of ultrasound in the diagnosis and management of various neurological conditions. They also discussed the role of ultrasound in airway management, including the identification of difficult airways and the use of ultrasound-guided techniques for airway access. The participants were able to gain hands-on experience using ultrasound machines, and the demonstrations provided them with valuable insights into how

SOCIETY CORNER

b. ISNACC endorsed programs



ultrasound can be used to improve patient outcomes in Neuroemergencies. Simulation-based mannequins were utilized to demonstrate airway management techniques for various neuroemergencies.

Overall, the workshop was a great success, with

attendees gaining valuable knowledge and insights into the management of neuroemergencies. The organisers hope to continue conducting similar workshops in the future, further advancing the field of neurocritical care in India.



Acute Neuro Care Team

iii. Report of Acute Neuro Care Workshop held at Jaslok Hospital and Research Centre, Mumbai on 24th Feb 2023



Rajshree Deopujari, MD

We conducted a Acute Neuro Care (Focused Approach to Neuro Emergencies) workshop as a Pre Conference event at the 13th MCNS 2023 (Midwest Chapter of Neurological Surgeons). This workshop was held under the aegis of MCNS, ISNACC, NCSI at Jaslok Hospital and Research Center, Mumbai on the 24th Feb 2023. Dr. Rajshree Deopujari, JHRC was the Convenor of the Course. The course directors were Dr. Saurabh Anand from Artemis Hospital, Gurugram and Dr. Keshav Goyal from AIIMS, New Delhi. The Mumbai Faculty consisted of Dr. Rajini Prajsh, Dr. Neeta Karmarkar, Dr. Manisha Katikar.

Dr. Sugandha Karapurkar, Dr. Lalita Naik, Dr. Anil Parakh and Dr. Ratan Chelani graced the occasion and gave their valuable inputs. Dr. Azad Irani (Neurologist), Dr. Pinank Pandya (Intensivist) and Dr. Shraddha Sinhasin (Radiologist) and Dr. Ajit Baviskar (EMS)

conducted the hands-on sessions along with the Course Directors.

Dr. Dipankar Dasgupta along with Neurosurgeons Dr. Paresh Doshi, Dr. Dippu Banerjee and Dr. Milind Kadke (Medical Director, JHRC) inaugurated the workshop

The Program Highlights were Care of Comatose Patient, Traumatic Brain Injury (TBI), Traumatic Spine Injury (TSI), Airway, Breathing and Sedation, Radiology Basics, Acute Haemorrhagic Stroke, Acute Ischemic Stroke, SubArachnoid Haemorrhage. The topics were discussed with Didactic Lectures and Hands on Sessions.

A total of 30 Delegates comprising anesthesiologists, Neurosurgeons, Intensivist and Emergency Medical Specialist attended the workshop from 8 AM to 7:30 PM. All of them were sincerely listening to all lectures and enthusiastically participated in the hands-on sessions.

The feedback from the delegates, MCNS mentors and Jaslok Hospital Mentors were extremely positive and most of them have requested for similar such workshops in future. At a meeting with the organisers of the MCNS the Course Directors Dr. Saurabh Anand and Dr. Keshav Goyal, Dr. Anil Parakh and Myself have committed to holding such workshops across Maharashtra and Goa in the next 2 years. They will be endorsed by MCNS and under the aegis ISNACC and NCSI. It was a great experience for the mentors and mentees alike and the demand was for a 2 day workshop henceforth.



Welcome – New Members

Membership Name

No

LMA - 38	Ashitha Arumadi
LMA - 39	Aravind Ayyappan
LMA - 40	Nurul huda A.Manap
LMB-76	Sreeja Ravindranath Babu
LMB-77	Arijit Kumar Barai
LMB-78	Eesha Banerjee
LMB-79	Arjun Balakrishnan
LMB-80	Sachin Anil Borkar
LMC-41	Nama Nagarjuna Chakravarthy
LMC-42	Garima Chamania
LMD-52	Sumit Das
LMG-75	Parthiban G
LMG-76	Prathap G
LMG-77	Swati Sanjay Gupta
LMG-78	Manya Gupta
LMG-79	Madhuri Garg
LMG-80	Yagna Munesh Gali
LMG-81	Nicolai Goettel (International)
LMJ-27	Magimairaj David Jayapal
LMK-93	Ranjith H.K
LMK-94	Ruchinder Kaur
LMK-95	Jashandeep Kaur
LMK-96	Lakshmi Bhadravathi Krishnamurthy
LMK-97	Deepti Kataria
LMK-98	Aurobinda Kanungo
LMK-99	Gulshan Kumar
LMK-100	Bhagyesh Kame
LMK-101	Rijuta Pradhan Kashyapi
LML-22	Deeparaj Lathika
LMM-76	Umadevi Manyam
LMM-77	Shahid Ahmad Mir
LMM-78	Chandni Maheshwari
LMM-79	Shikha Mukhi

Membership Name

No

LMM-80	Ram Velash Meena
LMN-27	Arun Kumar Natarajan
LMN-28	Nazish Nabi
LMP-85	Lisha Panda
LMP-86	Sandeep P.
LMP-87	Brenda Paulson
LMP-88	Rishanabh Pal
LMP-89	Ashish Patyal
LMP-90	Rama Shankari Padmanabhan
LMR-69	Nithisha Roy
LMR-70	Muqtasid Rashid
LMR-71	Joslita Rebello
LMR-72	Rajasekar Ramadurai
LMS-171	Zoya Sehar
LMS-172	Amer Zahoor Syed
LMS-173	Anjane Sree
LMS-174	Swati Singh
LMS-175	Karnati Sravani
LMS-176	Gayatri Sakrikar
LMS-177	Praveen R Sarguru
LMS-178	Amrapali Sen
LMS-179	Amardeep Singh
LMS-180	Asish Kumar Sahoo
LMS-181	Ismail Shahidullan
LMS-182	Manish Singh
LMS-183	Lalit Kumar Samantaray
LMT-19	Rhea Thotungal
LMU-4	Akshay Jayant Uttarwar
LMV-22	Aprajita Vardhan
LMV-23	Amiy Verma
LMY-12	Aditya Raj Yadav
LMY-13	Kavita Yadav
LMY-14	Ruby Yadav

ISNACC Grants



- **Ajay Prasad Hrishi**, Additional Professor at Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum and **Chandrika Priyadarshini**, AIIMS New Delhi received the “ISNACC research grant” (50K) for the year 2023.



- **JS Rahul**, Assistant Professor at Amrita school of Faridabad received the “Travel grant” (25K) for the attending DAS conference at UK.



Prasanna Bidkar from JIPMER Pondicherry received the “conference grant (25K) for the year 2023.”



Report of Annual Meeting- ISNACC-2023



Inaugural ceremony

This ISNACC conference is a very long dream of our HOD and mentor, Prof. Padmaja Durga. And for any conference, the scientific proceedings ...is always a pampered baby. Taking care of it, nurturing it and watching it grow with time has finally shaped up to this position. Some points we would like to highlight with respect to the journey of our scientific schedule.

The theme of the conference:

Nowadays the anesthetist is also called as the perioperative physician. And for a good outcome in a neurosurgical patient, the perioperative neurophysician needs to have a detailed knowledge about the physiology of vital organs and their interaction with the brain, and communication with other specialities like to have a proper planning for the perioperative management of the patient. Hence the theme of our conference is chosen "Beyond our walls: expanding access to interprofessional team based care"

And our sessions are framed accordingly: heart brain connection, neuro renal talk, neuroanesthesiologist as critical care physician, as perioperative physician, This is well appreciated.

We tried with a new session, " Trials that changed the trail" which was presented by our stalwarts of neuroanesthesia prof Dash,

Manikandan sir, they gave us an insight of the upcoming trials and future trials to come up with guidelines an consensus statements in neuroanesthesia to implement in our practice that can change the future outlook.

Nowadays, any topic we can discuss for hours, but the challenge is to present the same topic in 5-6 minutes. The one thadka we introduced in the menu is, Quick bytes to encourage the young dynamic upcoming neuroanesthetists and all the speakers did a great job for all the topics

Not to forget about the great oration topics by all the orators. A big thanks to all the orators for selecting unique topics for deliberation. (1)Dr. Maralathi oration topic was "Rethinking general anesthesia "delivered by Dr. Emery Brown, "(2) Dr. Gode's oration topic was "expanding horizons for neuroanesthesiologists beyond operation theatres" by Dr. Nidhi Panda and (3) Dr. Hariwir Singh oration topic was "neurosciences of leadership: lessons learnt" by Dr. Alana Flexman

An interesting topic in panel discussion, "medical education training in neuroanesthesia" was discussed in detail by all the panelists with all the questions raised by the moderator, Dr. Ramamani (was a faculty before she tasted 3 years of studentship and again now a faculty in CMC, VELLORE)



Alana Flexman at Dr. Hariwir Singh Oration

Always we are happy when a neurosurgeon invites us to be a part of their conference, but we are more happier when neurosurgeons come and become a part of our discussions in our conference. And these 3 days we have seen Dr. Deopujari sir, Dr. Vijayasaradhi, Dr. Subodh, Dr. Suchanda and Dr. Vamshi being a part of the interactive discussions.

Similarly, as the theme speaks, we need to have an interprofessional team approach, we took a step ahead to include neurosurgeons, neuroradiologists, cardiologist, pain physician and neurologists in our workshops to share and spread their knowledge and expertise with the neuroanesthetist.

Hope everyone enjoyed the academic feast with its widely spread of starters and soups in the form of workshops, main course of 3 days long lectures in this same hall with Hyderabad added tadka of quick bytes along with milestone e posters (almost 100) including DR VK Grover podium presentations and double ka meetha with one pager and quiz competitions.

We thank all the faculty and delegates for their enthusiastic and dedicated participation. Starting from the workshops....

The four workshops we conducted went off well with good participation from the faculty and delegates. We got very good feedback from

delegates and from the faculty. To name it,

1. Pain workshop conducted by Dr. Shekar Reddy and team at Apollo hospitals, thanks
2. Neuroradiology workshop conducted by Dr. Siddharth and team at AIG
3. Thanks to Dr. Viswanath and team for the IONM workshop
3. And Crisis management workshop..thanks to Dr. Narmada Padhy, Dr. Kavitha, Dr. Shibani and Dr. Sapna

Thanks to all the faculty, surgeons and administration at their respective places for helping in the logistics to conduct the workshops successfully.

Here we would like to thank all the members of the scientific committee and especially my colleague Dr. Geeta who has helped me the most in coordinating with all the faculty for the talks. The content of the 3 days talks was highly appreciated. Thanks to all the faculty. And this time, we introduced Quick bytes session which was highly appreciated. This helped us in encouraging young faculty to present their ideas in a comprehensive way.

The other new concept introduced was one pager competition, Dr Padmaja's idea, got a huge response, almost 20 one pagers with good content.

Organising team enjoying while working hard



Coming to papers and posters, again a huge response. This time we received 95+ presentations which is a very good number for any subspecialty national conference. Thanks to Dr. Sapna and team and for compiling and coordinating for all the e-posters and V.K. Grover award competition. Thanks to all the faculty for judging the e-posters, papers and VK Grover award papers. This time we had almost 50+ case



Poster sessions

reports/series and 40+ original articles. And the last but not the least, students favourite, quiz competition, nicely organized by the quiz masters, Dr. Josemine Davis, Dr. Shashank, Dr. Akshay, Dr. Sibani and Dr. Nitasha.

This all would not have been possible without a good venue. Thanks to the AIG team, to name it for providing this beautiful auditorium and ambience for the 3 days conference. Thanks to our neurosurgeons for stalling the electives for 3 days to facilitate our conference without any hitch. Also thanks to other surgeons of AIG, Yashoda, KIMS and Apollo for their logistic support.

Thanks to the Dr. Akshay and team for transport and accomodation, Dr. Abinash, Dr. Kavitha and team for registration and reception services, Dr. Anne kiran, Dr. Harshal, Dr. Geeta and team for hall management, Dr. Sibani and Dr. Sameera for anchoring.

Thanks to our faculty, residents (both senior and junior), technicians, especially (neuro) and OT staff, both on and off the conference for all the timely and logistics help during the making of this conference, especially in the last 6 months. Thanks to our departmental staff, Mr. Suryam and Mr. Raju for their all-time support.

And Regards to our mentors, Prof. Manimala Rao madam, Prof. Gopinath sir and Prof. Dilip K. Kulkarni sir(organizing chairperson) for their blessings.

With regards,



**Padmaja Durga, MD
Organising Secy.**



**Srilata Moningi, MD
Scientific Chairperson**

Puzzles

ANSWER

Answers for the crossword published in the previous issue (December edition)

ACROSS

4. Codman 6. Dexmedetomidine 7. Two 8. Welcher basal 12. Nacetylaspartate 14. Lasjaunias 15. Vitamin E

DOWN

1. Rapid ventricular pacing 2. Empty delta 3. Chance 5. Reltonhall 9. Sealion 10. One 11. Septal 13. Axial

Congratulations!

Congratulations to the winners of Puzzle-2 !!!

We had an overwhelming response this time!

Thanks, and heartfelt appreciation to all the participants!

*Following were the first
3 respondents.*

*You will soon receive
your token of appreciation.*

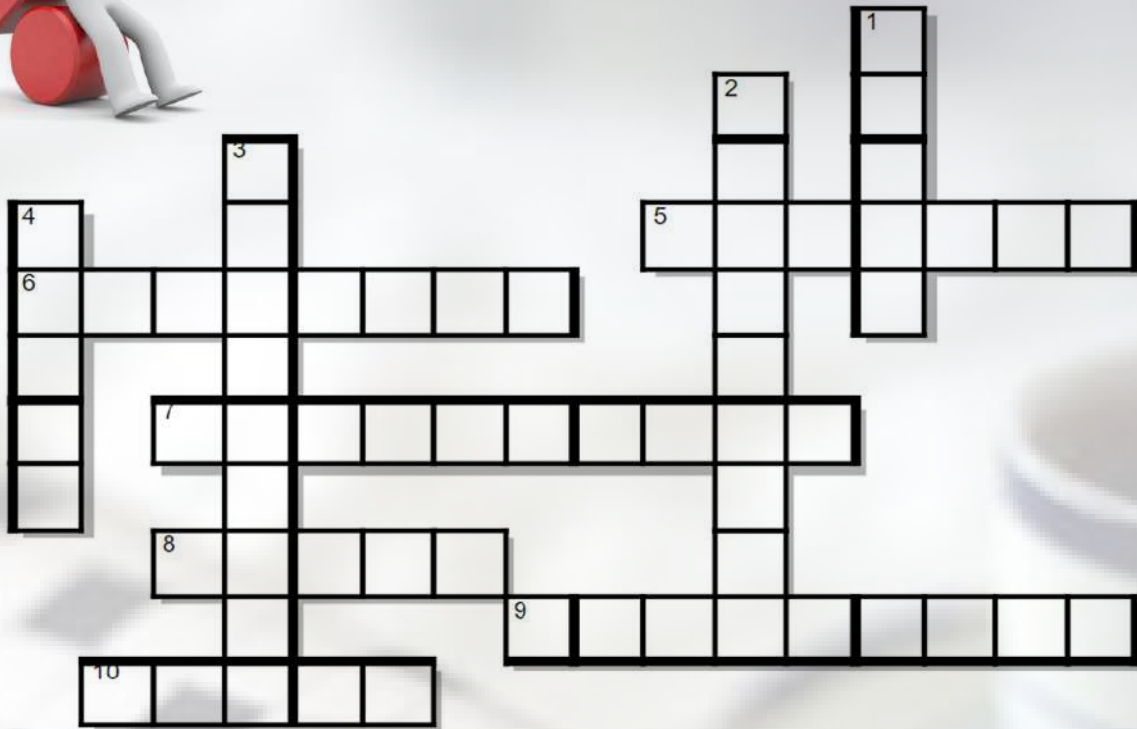
Parthiban G
Senior Resident,
DM Neuroanesthesia
and Neurocritical care
NIMHANS, Bangalore

Chayanika Kutum
DrNB Neuroanesthesia
Resident
GB pant hospital
New Delhi

Uzma Begum
Senior resident
DrNB neuroanesthesia
GIPMER New Delhi



CROSSWORD PUZZLE 3



DOWN

1. This classification is used to define the confines of a pituitary tumor
2. This named sign refers to elicitation of pain in the limbs with neck flexion
3. This is the alternate name of a neurodegenerative disorder that was named after an American professional baseball first baseman who suffered from it
4. Maximum available concentration for intravenous use of HTS is 34% Right or wrong

ACROSS

5. This named head frame is used for stereotactic localization of intracranial tumors
6. I am a glutamate antagonist used in the medical management of multiple sclerosis

7. The dependent layering of blood in the CT Brain of a patient with intraventricular hemorrhage is referred to as the ___ effect
8. The preferred site for placement of vagal nerve stimulator for the treatment of refractory epilepsy is the right Vagus nerve-Right or wrong
9. Prolonged inhalation with inspiratory pause pathognomonic of pontine lesion is referred to as ___ breathing
10. The newer definition of postoperative cognitive disorder at one-month post-surgery is delayed neurocognitive disorder-Right or Wrong?

Send your answers to
isnaccenews@gmail.com within a week.

A WRITE-UP competition was organized by ISNACC amongst junior and senior residents including ISNACC fellows on the topic “Impact of ISNACC and ISNACC e-Education on Neuroanesthesia Academics” in the month of December, 2022. Altogether, 10 write-ups were received from various institutes and hospitals. They were judged by 3 faculty members, Dr. Ranganatha Praveen CS (SCTIMST, Trivandrum), Dr. Sangeetha RP (NIMHANS, Bengaluru) and Dr. Keta Thakkar (CMC, Vellore) based on different criteria. Three best write-ups are being published in this newsletter.

TOPIC: IMPACT OF ISNACC AND ISNACC E-EDUCATION ON NEUROANAESTHESIA ACADEMICS

1st Best Write Up



Rusikesh Satapathy, MD
Anaesthesiology & Critical Care
Neuroanaesthesiology & critical care
AIIMS Bhubaneswar, India.

ISNACC, going to celebrate its silver jubilee next year, was founded in the year 1999 with a mission to achieve higher standards of practice and safety in Neuroanesthesiology and Neurocritical care in this subcontinent through advanced education and research. Since then, it is thriving to encourage and facilitate the members to improve their knowledge and skills in this field.

Annual Conferences, bi-annual newsletters & JNACC are constantly adding great value to Neuroanesthesiology knowledge over the years. ISNACC-PDF courses are providing opportunities for those who wish to pursue a career in this field.

The blooming of multiple INIs and a trend towards super-specialization in recent years led to an increase in the number of candidates pursuing DM courses, which created a demand-supply mismatch in terms of training & education. It was high time to think & act to maintain the quality of neuroanesthesiology training, especially in the newer institutes. The stalwarts of ISNACC have stood apart in successfully nailing it down.

Previously, webinars on the YouTube channel “Classroom” by Dr. V Ponniah (under the banner of ISNACC & NCSI) was providing a

RESIDENT'S CORNER

Write-ups by the Residents

good opportunity for knowledge sharing, even during the pandemic and recently “Masterclass in stroke” on the eve of the Stroke Day celebration was an excellent masterpiece. The webinar series by Dr. Ankur Khandelwal on CLIRNET was an unprecedented effort to uplift the level of neuroanaesthesiology academics. At the same time “Interactive case discussions” a concept by PGIMER, Chandigarh had created a new platform where new members (students) could learn directly from the best teachers in the country - A dream come true situation.

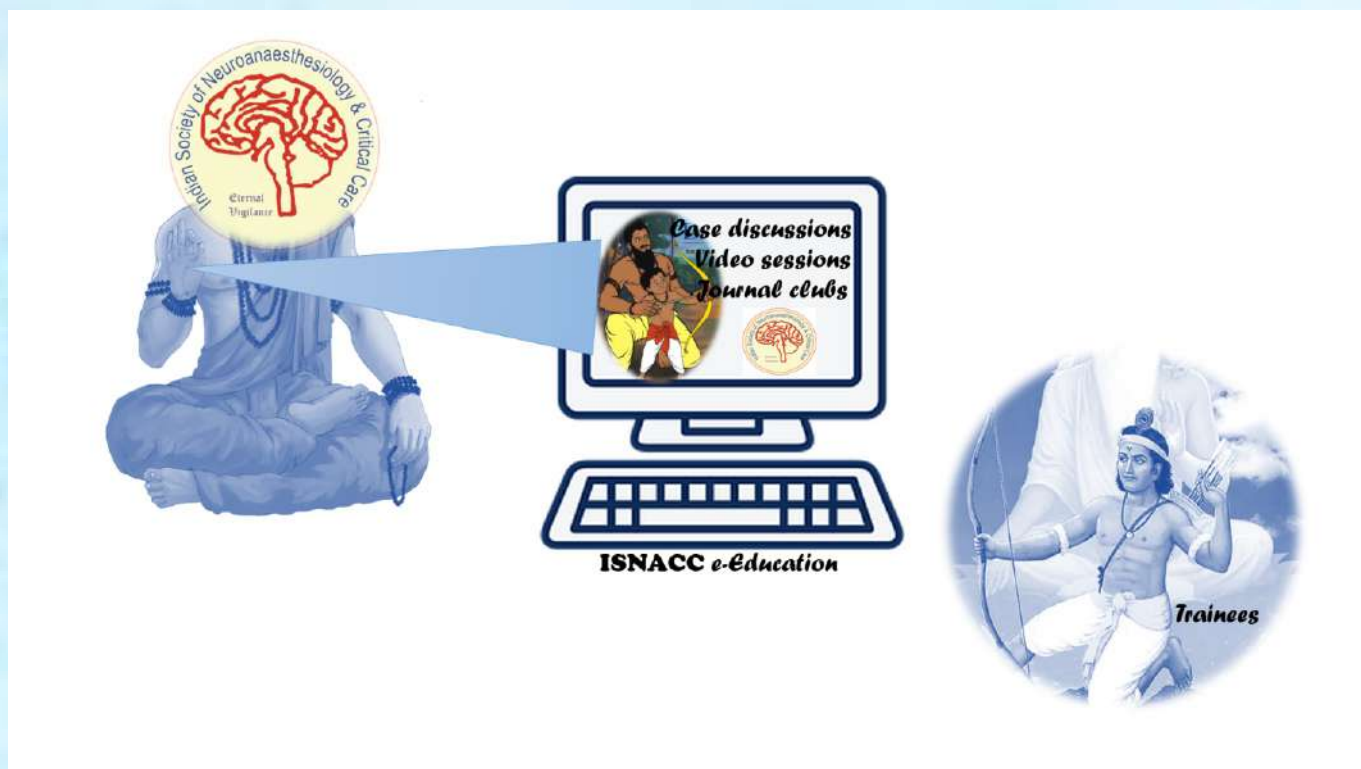
But these were discrete efforts with the same goal. Here, ISNACC played a vital role in bringing all ideas into a single platform and making it official in the form of “ISNACC e-Education”. Now, it is a responsibility, rather than only an individual interest. Since its inception, the program is successfully running to date; providing opportunities for students to learn & teachers to teach. It is being possible to connect with neuroanesthesiologists across

the country and share thoughts, ideas, practices, knowledge, etc. The case discussions and video sessions are having a great impact on the perioperative practices of the trainees. The journal clubs are adding to the knowledge regarding the most recent pieces of evidence.

My view: Being new to this field, I eagerly wait for the next webinar flyer to come, and don't forget to set an alarm on my mobile 15 minutes prior to the scheduled time so that I can make myself available for the same. Experience is knowledge & all the rest is information. Through this “ISNACC e-Education”, we are able to learn from the experience of our seniors. Watching, listening & learning from the legends is just like Eklavya learning from Dronacharya in “Mahabharat”.

With heartfelt thanks,

Long live... ISNACC.



2nd Best Write Up



**Aparna Depuru, MD, DNB
Senior Resident**

**Division of Neuroanesthesia
Department of Anaesthesia & Intensive Care
PGIMER, Chandigarh**

“Think out of the box and create a learning experience where the learner can interact with the content and their brains”- Rosalie Ledda Valdez

With this impressive quote, I would like to pen down my experiences and the impact of the Indian Society of Neuroanesthesiology and Critical Care (ISNACC) and e-learning programs being run under the banner of ISNACC. Earlier, ISNACC used to spread knowledge and exchange scientific ideas or research by holding annual physical meetings. Such meetings help us in interacting with experts from with professionals from around the world. Besides the talks from learned

faculties, it provides an opportunity for the residents to exhibit their academic prowess through the PG symposium.

COVID -19 pandemic has created challenges, and the panacea from it was a shift to remote learning and online classrooms. E-learning has paved a path of imbibing knowledge in a systematic manner and also provided the opportunity of seeking education from national and international experts without being physically present nearby. It indeed marked a greater interaction between the residents and the faculty with a boon of a global outreach. The ISNACC society has meticulously formulated the curriculum and the educational sessions tailored for a lucid understanding of the student. The offline content availability and the updates on impeccable advancements in our field enabled us to perform revisions, bringing us at ease with the nuances of Neuroanesthesia. The e-education program is structured in a way to cover all the aspects of training the residents. The seminars by expert faculty are quite informative and updated. The video sessions provide us the practical aspects of managing the particular case or procedure. The case discussion helps us in preparing for the exam VIVA. This implementation of structured academics provided us with a coign of vantage during the examination.

ISNACC has chased to achieve the highest standard of practice and safety in Neuroanesthesia and Neurocritical Care. Apart from the e-learning, ISNACC provides a multifarious platform of education through journals (Journal of Neuroanesthesiology and Critical Care, JNACC), and newsletters. JNACC provides comprehensive review articles that help in enhancing the knowledge for exam preparation, and also the case reports and original articles update us about the recent

evidence in neurosciences. The newsletter is a fun-filled resource that highlights messages from the dignitaries, educational activities, and the resident's corner with mindboggling crossword puzzles.

It is a great opportunity for residents with an eye on the research. It has greatly influenced my learnedness in Neuroanesthesia by providing me with an ISNACC travel grant. This has facilitated me to voice my research work on an international platform. This

juncture provided me with a window for learning new protocols and updates from various places across the globe and inclined my interest in research. The research grants also encourage young researchers to conduct high-quality research.

In conclusion, ISNACC society provides vast opportunities and inspires budding Anesthesiologists for enrolling in fellowships with great exposure to Neurosurgical cases.

3rd Best Write UP



Ashwini Reddy, DM
Senior Resident

Division of Neuroanesthesia
Department of Anaesthesia & Intensive Care
PGIMER, Chandigarh

The field of neuroanesthesia and critical care is making rapid strides and growing by leaps and bounds in India and the Indian Society of Neuroanesthesiology and

Critical Care (ISNACC) has played a crucial role in this evolution. The society has initiated many courses in neuroanesthesia and neurocritical care thus providing numerous opportunities to trainees to benefit from structured training programs, hands-on clinical work, and familiarise themselves with sophisticated monitoring techniques used in neuroanesthesia along with a focus on research methodology. Programmed activities (neuroanesthesia CMEs, workshops, and conferences) are also held with the support from ISNACC which aid in enhancing the skill and knowledge of neuroanesthesia residents. ISNACC also encourages research and offers travel grants to residents to help present their academic research on international platforms.

The new normal in the post COVID era is the increased use of online learning tools. Digital learning has emerged as an essential resource and ISNACC has also adopted the same by commencing the e-education series. It allows the residents to attend academic programs from any location of their choice unrestricted by geographical boundaries. These sessions are recorded and archived, allowing residents access to the learning material at any time of their convenience. The e-education series is also far more affordable to residents as it eliminates the cost of transportation and accommodation. It also allows us access to

RESIDENT'S CORNER

Write-ups by the Residents

talks by stalwarts in the field sitting in the comfort of our homes. The e-education series also has a number of tools like procedural videos that enable a more efficient transfer of knowledge. Classes on topics like invasive intracranial pressure monitoring which is not widely available give us a practical demonstration of sophisticated monitoring equipment and techniques which would have otherwise been inaccessible to all residents.

The clinical case discussion series help us prepare for practical viva by showing us a glimpse of the nature of questions and discussion during the exams. It provided us an opportunity to sometimes face the viva ourselves or observe fellow residents tackle questions and present clinical cases thus building our confidence before appearing for final examinations. The presence of encouraging and helpful moderators also

helped allay our fear of examiners. It also led to friendships, communication, and the exchange of practical knowledge between residents of various institutes. Extensive discussion on numerous topics by experts in the field also helped residents explore new avenues of high-quality research. As these classes were easily accessible, they were widely attended by undergraduate residents as well, leading to increased interest in the subspeciality of neuroanesthesia and neurocritical care.

I, for one credit my performance in my examination to listening to these sessions when I was too anxious to read, rocking my child to sleep, or too tired after a hectic duty to pick up a book. Thank you ISNACC for taking this initiative and continuing to make strides in educating residents.

Congratulations

CANDIDATE COMPLETING
Indian Society of Neuroanaesthesiology and Critical Care (ISNACC)
Post-Doctoral Fellowship -Jan 2023

NEUROANAESTHESIOLOGY

Name	Institute
Swathy S Iyengar	Sakra World Hospital, Bengaluru
Jaya Hasita Goda	M S Ramaiah Institute of Neurosciences, Bengaluru
Gobinath Jayaraman	MGM Health Care Private Limited, Chennai
Vini Narendra Kumar Depal	Artemis Hospital, Gurugram
Pratima Harsha Shetty	Artemis Hospital, Gurugram
Mohammad Ali Abu Taha	Yashoda Hospital, Hyderabad
Pranali Kadrekar	Kokilaben Dhirubhai Ambani Hospital and Medical Research Centre, Mumbai
Parul Gupta	Max Superspeciality Hospital, Saket, New Delhi
P. Sahithya	Krishna Institute of Medical Sciences, Secunderabad
Bhargav Devendran	Krishna Institute of Medical Sciences, Secunderabad

NEUROCRITICAL CARE

Name	Institute
Nathasha Olga Vas	St. John's Medical College Hospital, Bengaluru
Niranjana Surendran	MGM Health Care Private Limited, Chennai
Rupavath Ramkumar	Artemis Hospital, Gurugram
Shruti Gupta	Artemis Hospital, Gurugram

Swathy S
Iyengar
Best
Outgoing

RESIDENT'S CORNER

Residents completing training in Neuroanesthesia and Neurocritical care

Residents Completing Training in **NEUROANESTHESIA** and **NEUROCRITICAL CARE**



AIIMS, New Delhi
Deepak G P
DM Neuro Anaesthesiology & Critical Care



AIIMS, New Delhi
Sudeshna Padhi
DM Neuro Anaesthesiology & Critical Care



AIIMS, New Delhi
Abraham Lalchhana Chawnychhim
DM Neuroanaesthesiology & Critical Care

RESIDENT'S CORNER

Residents completing training in Neuroanesthesia and Neurocritical care



AIIMS, New Delhi
Mangesh Ganesh Mulaokar
DM Neuroanaesthesiology & Critical Care



AIIMS, New Delhi
Jayanth R Seshan
PDF Neurocritical Care



JIPMER, Puducherry
Dr Jerry Jame Joy
DM Neuroanaesthesiology



SCTIMST, Trivandrum
Jithumol Thankam Thomas
DM Neuroanesthesia

RESIDENT'S CORNER

Residents completing training in Neuroanesthesia and Neurocritical care



SCTIMST, Trivandrum
Jeeva George
M Neuroanaesthesia



SCTIMST, Trivandrum
Sapna Suresh
DM Neuroanesthesia



AIIMS, Bhubaneswar
Rusikesh Satapathy
DM Neuroanesthesia



AIIMS, Rishikesh
Siddharth Chakraborty
DM Neuroanesthesia & Critical Care.

RESIDENT'S CORNER

Residents completing training in Neuroanesthesia and Neurocritical care



GB Pant Institute of Post Graduate Medical
Education And Research (GIPMER), New Delhi
Chayanika Kutum
DrNB Neuroanesthesia and Critical Care



GB Pant Institute of Post Graduate Medical
Education And Research (GIPMER), New Delhi
Uzma Begum
DrNB neuroanesthesia and critical care



Max Superspeciality Hospital,
Saket, New Delhi.
Parul Gupta
PDF Neuroanesthesia



Kokilaben Dhirubhai Ambani Hospital and
Medical Research Centre
Pranali Prakash Kadrekar
PDF Neuroanesthesia

RESIDENT'S CORNER

Residents completing training in Neuroanesthesia and Neurocritical care



MGM Healthcare Pvt Limited, Chennai
Gobinath Jayaraman
PDF Neuroanaesthesiology



MGM Healthcare Pvt Limited, Chennai
Niranjana Surendran
PDF Neurocritical Care



Sakra World Hospital, Bengaluru
Swathy S Iyengar
PDF Neuroanaesthesia



St John's Medical College Hospital, Bengaluru
Nathasha Olga Vas
PDF Neurocritical Care

RESIDENT'S CORNER

Residents completing training in Neuroanesthesia and Neurocritical care



Artemis Gurugram
Rupavath Ramkumar
PDF Neurocritical Care



Artemis Gurugram
Shruti Gupta
PDF Neurocritical Care



Artemis Gurugram
Pratima Harsha Shetty
PDF Neuroanesthesia



Artemis Gurugram
Vini Narendra Kumar Depal
PDF Neuroanesthesia

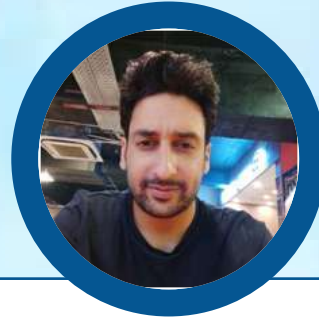
RESIDENT'S CORNER

Residents completing training in Neuroanesthesia and Neurocritical care



Alankrita Aishwarya

DrNB Neuroanesthesia and Critical Care
PD Hinduja Hospital, Mumbai



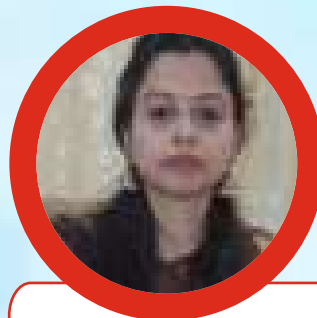
Shahid Ahmad Mir

DrNB Neuroanesthesia and Critical Care
SKIMS, Srinagar



**Upasana Naskar
Debashree Roy**

DrNB Neuroanesthesia and Critical Care
Institute of Neurosciences, Kolkata



**Pooja Chapegadikar
Shraya Banerjee**

DrNB Neuroanesthesia and Critical Care
Indraprastha Apollo, New Delhi



E shantha Prem Kumar

DrNB Neuroanesthesia and Critical Care
Gleneagles Global Health City, Chennai

RESIDENT'S CORNER

Awards received by residents during ISNACC-2023

Original Research Podium Presentation Award



1st Prize
V.K. Grover Award
Swati Patel
PGIMER, Chandigarh



2nd Prize
Vidya Shriram
NIMHANS, Bengaluru



3rd Prize
Jayanth Seshan
AIIMS, New Delhi

Best e-Posters for Case Reports



1st Prize
Kunal Kumar Sharma
IGMC, Shimla



2nd Prize
Ankita Jaiswal
Paras Hospital, Gurugram



3rd Prize
Rana Ather
NIZAMS, Hyderabad

Original Research e-poster



1st Prize
Deyya Anil Amrutha Raj
CMC, Vellore



2nd Prize
Vindhya Prasad
Yashoda Hospital, Hyderabad



3rd Prize
Sarath Surendran
SCTIMST, Kerala

RESIDENT'S CORNER

Awards received by residents during ISNACC-2023

Grey Matter Quiz winners



1st Prize, Jeeva Kumar, PGIMER, Chandigarh



2nd Prize, Rajesh Mittal, GB Pant, New Delhi

One Pager winners



1st Prize
Tejaswi GM
NIMHANS



2nd Prize
Gayatri Sakrikar, NIMHAS
& Sharon Pauldos, CMC, Vellore



3rd Prize
Amrutha Nirale
NIMHANS

RESIDENT'S CORNER

Awards received by residents during ISNACC-2023



Congratulations!

**Best Clinical Research
Paper Presentation
at ASNACC conference 2023**

1st Prize
Aswini Reddy
PGIMER, Chandigarh

2nd Prize
Revikrishnan
SCTIMST, Trivandrum

3rd Prize
Shweta Revannawar
SJNAHS , Bangalore

AWARDS AND HONORS

Awards Received by ISNACC Members

Felicitations



From top left corner:

Dr. HH Dash, Dr. Rajshree Deopujari, Dr. Dilip Kulkarni, at the ISNACC 2023 conference

Dr. Bibhukalyani Das, Amna Goswami at the ISSP conference 2023

Professor Dr. GS Umamaheshwara Rao at the Karnataka Neurosciences Academy's conference 2023

AWARDS AND HONORS



Dr GS Umamaheswara Rao
Ex-HOD of the Department of Neuroanaesthesia and Neurocritical Care, NIMHANS, Bangalore received the **“Distinguished Teacher award”** at the ISNACC 2023 conference, Hyderabad



Dr G Parameswara
Senior consultant at Manipal Hospital, Bangalore received the **“Distinguished Professional Service”** Award at the ISNACC 2023 conference

AWARDS AND HONORS



Dr M Radhakrishnan
Ex-HOD of the department of Neuroanaesthesia and Neurocritical Care, NIMHANS, Bangalore was awarded the ISNACC
“President’s Appreciation Award”
for E-education at the ISNACC 2023 conference



Dr Ankur Khandelwal
Associate Professor of Neuroanaesthesia at AIIMS Guwahati was also awarded the ISNACC
“President’s Appreciation Award”
for E-education at the ISNACC 2023 conference



Dr Nidhi B Panda
PGIMER Chandigarh delivered Dr Gode Oration at 24th annual meeting of ISNACC, held at Hyderabad from 20-23 Jan 2023

AWARDS AND HONORS



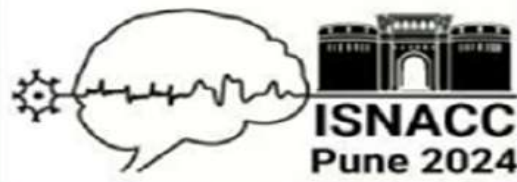
Dr. Rohini Surve

Additional Professor, Department of Neuroanaesthesia and Neurocritical Care, NIMHANS, Bangalore received the Hansraj Nayyar award during the annual conference of the Indian Society of Critical Care Medicine - Criticare 2023 at Indore.



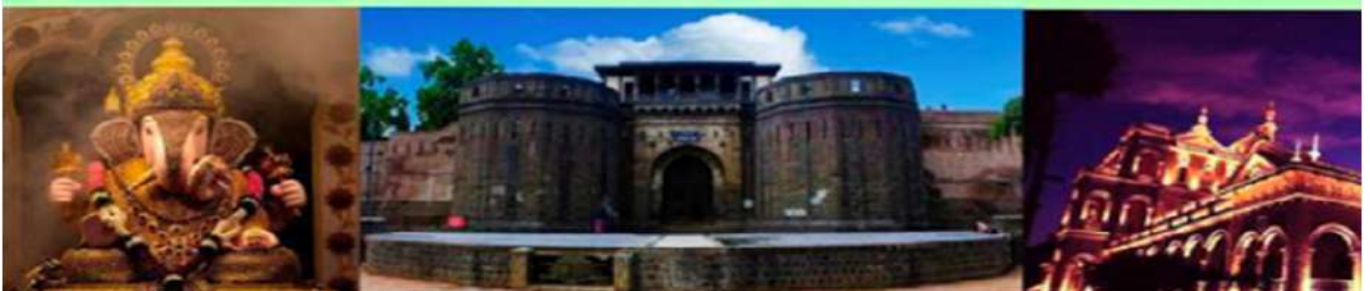
Dr. Sangeetha RP

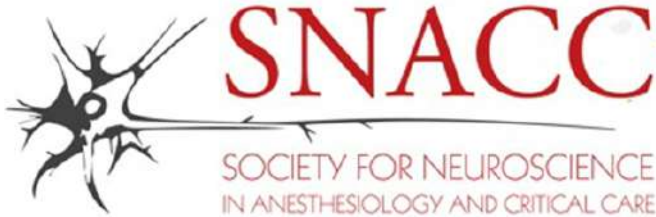
Assistant Professor, Department of Neuroanaesthesia and Neurocritical Care, NIMHANS, Bangalore, received the Kannada Rajyotsava award (Category: Young achiever in Medicine) from the National Press Council & the Newspaper Association of Karnataka in December 2022



25th ANNUAL CONFERENCE OF INDIAN SOCIETY OF NEUROANAESTHESIOLOGY & CRITICAL CARE

Workshop: 15 Feb 2024
Conference: 16 Feb - 18 Feb 2024
Venue: AFMC, Pune





Annual Meeting

September 8–10, 2023

Alexandria, Virginia (metro DC)

Abstracts

Thank you for your interest in submitting an abstract for the SNACC 2023 Annual Meeting. The abstract submission site will open in March and close **Monday, May 8, 2023**. [Click here](#) for guidelines to help you to prepare your submission.

Each abstract presentation will be assigned to a presentation time and room as well as being broadcast virtually via Zoom. The presenting author will be required to register for the event in order to present the abstract material. Visit the [Registration](#) page for information on registration options.

Accepted abstracts will be published in the *Journal of Neurosurgical Anesthesiology* (JNA).

NEUROCRITICAL CARE SOCIETY

neurocritical care:
BEYOND
THE HORIZON

NCS 21ST ANNUAL MEETING
August 15-18, 2023
Phoenix Convention Center
Phoenix, AZ



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