



ISNACC e-News July 2023



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

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ISNACC e-News July 2023

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SECRETARIAT

Message



Girija P Rath, MD, DM
Secretary



Gyaninder P Singh, MD, DM
Treasurer

Dear Members,
Greetings from the Secretariat!

We feel delighted and proud to announce that ISNACC life membership has already crossed the 1000 mark. As a Society, we have gradually and steadily grown over the past 25 years. We are prepared and excited to celebrate the Silver Jubilee during the upcoming ISNACC 2024 at AFMC, Pune. During these 25 years, the members of the Society have brought accolades to ISNACC both nationally and internationally. These achievements fulfilled the dreams and aspirations of the fore-founders and inspired the young members to take the Society to greater heights. With the support of its members, the ISNACC Governing Council has brought new reforms in education, the constitution, the election process, websites, newsletters, and much more.

It is overwhelming to see a growing interest in Neuroanaesthesiology and/or Neurocritical Care among the younger generation of anaesthesiologists, and more and more people are now opting for these as their carrier options. We have received many applications from institutes nation wide to start Post-Doctoral Fellowship courses in Neuroanaesthesiology and/or Neurocritical Care. Over the past year, ISNACC has accredited eight new hospitals for these courses across the country, including one Centre outside India, and two more are under consideration.

Journal of Neuroanaesthesiology and Critical Care (JNACC), the official journal of ISNACC, have gained popularity over time among academicians and researcher in the field of Neuroanaesthesia and Neurocritical Care. Since its first issue was published in April 2014, JNACC has consistently contributed impactful articles. It has now been indexed with DOAJ, Index Copernicus International (ICI), ESCI, and Scopus. As a step forward, the JNACC received its first-ever Cite Score of 0.4 in 2023. We want to thank all the members for contributing towards the success and growth of JNACC as authors, reviewers, and/or editors. While the editorial team strives hard to get the journal indexed with Pubmed Central, we request all of you support the journal by submitting quality research work to the journal.

The growth of any society reflects the contribution of its members. ISNACC secretariat encourages the members to come forward and participate in the progress of the Society.

You may reach us with new ideas, suggestions, and comments at info@isnacc.org or isnaccsecretary@gmail.com.

Look forward to your continued support and cooperation.

Happy reading ISNACC eNews!

EDITOR'S *Message*



Kiran Jangra
MD, DM, A-FAMS

Greetings from the ISNACC e-News Team!

We are overwhelmed by your response to the May 2023 edition of the newsletter. The previous newsletter was delayed but to keep you all updated about the ISNACC activities and to maintain the momentum we are releasing this issue on time.

We extend a warm welcome to our new members. We also congratulate the residents on the successful completion of their respective courses as well as the winners of various awards.

We welcome the new members are also elated to share the news of the initiation of ISNACC endorsed fellowship programmes at various reputed national and international centres, the details of which have been furnished in this issue.

Due to rise in the demand of trained neuroanesthesiologist, more and more training programs are being started. We wish a great success to the new the academicians of new training institutes.

Be ready to put your grey cells to good use to crack the puzzle in this issue. We expect a tough competition from the readers for the rewards at stake.

Looking forward to the encouraging and constructive inputs for the improvement of the next issue to be released in November 2023.

i. Journal Club



Siddharth Chavali
MD, DM
Institute of Neurosciences,
AIG Hospitals, Hyderabad

The Department of Neuroanesthesiology at CMC Vellore, in association with ISNACC, organized an e-Journal Club on 7th July, 2023. The webinar was moderated by Dr. Keta Thakkar and Prof. Ramamani Mariappan, faculty at CMC Vellore and aimed to discuss recent advancements in anesthesia techniques and shed light on two significant research studies. The event also emphasized the importance of selecting and screening scientific literature for evidence-based practice. Dr. P Sharon Kavya Chandana spoke on "Inhalational vs. Propofol-based Intravenous Maintenance of Anesthesia for Emergence Delirium in Adults: A Meta-analysis and Trial Sequential Analysis." She delivered an informative presentation on the comparison between inhalational and propofol-based intravenous maintenance of anesthesia in preventing emergence delirium in adults. The speaker conducted a meta-analysis and trial sequential analysis to evaluate the efficacy of both approaches. The study analyzed a range of relevant parameters, including emergence time, incidence of emergence delirium, and adverse events.

Dr. Mahesh Kumar discussed a study titled "CSF Glucose and Lactate Concentration Changes in Response to Therapies in Patients with Primary Brain Injury - The START-TRIP Study" which focused on assessing changes in cerebrospinal fluid (CSF) glucose and lactate concentrations in response to therapies in patients with primary brain injury. The study aimed to identify potential biomarkers associated with therapeutic interventions and prognosis in these patients. Apart from the research presentations, the webinar facilitated an in-depth discussion on the process of selecting and screening scientific literature. This discussion aimed to enhance the attendees' skills in critically evaluating research articles and selecting high-quality evidence to inform clinical practice.

Long live ISNACC.

ii. Video Session

Video-based lecture sessions were initiated with the intent to improve the clinical practice of Neuroanesthesiologists and Neurointensivists. It has proven to be a vital component of the multimodal teaching approach and aided in a better understanding of the subject. Moreover, it also facilitates the interaction of the attendees with experts in the field. The fourth video session was conducted on June 2nd, 2023, on the topics "Regional block for cranial surgery" by Dr. Nisha A and "Awake Craniotomy and Intraoperative mapping -Role of Neuroanesthetist" by Dr. Sapna Suresh. The session was moderated by senior faculties who enriched it by contributing from their experience in the field. The target audience consisted primarily of Anesthesiologists and Intensivists, including junior and senior residents from across the country. The webinar was well attended and received overwhelming responses. The audience was delighted with the program and felt these sessions were relevant to their practice. The ISNACC Video Session webinars are conducted every 6-8 weeks. As we complete one successful year of the ISNACC e-education program we thank the ISNACC fraternity for their continued support and participation.

Long Live ISNACC

iii. Webinar

A webinar on 'Craniosynostosis' was discussed on July 7th webinar. Multidisciplinary approach is involved in Craniosynostosis management with varied anesthetic challenges. Dr J S Rahul and Lt Col (Dr) Ratnesh Shukla discussed the sub-topics- Preoperative assessment & risk stratification and Intraoperative concerns & management, respectively. This session was moderated by Dr Smita V and Dr Shwethal Goraksha who are experts in the management of such children. Various issues such as difficult airway management in syndromic children, risk stratification, timing the surgery, type of surgeries, blood loss management, blood conservative strategies, intraoperative complications and postoperative management were extensively presented and thoroughly discussed. Overall it was a very informative session and was attended by 70-75 participants.

Long live ISNACC



Ajay Prasad Hrishi,
MD,DM
Additional Professor,
SCTIMST, Trivandrum



Ranganatha Praveen C S,
MD, DM
Associate Professor,
Neuroanesthesia and
Critical Care,
SCTIMST, Trivandrum

EXPANDING THE HORIZONS WITH ACUTE NEURO CARE COURSE

The Acute Neuro Care course was organized by the Department of Anaesthesiology and Critical Care, All India Institute of Medical Sciences, Jodhpur on 6th and 7th May 2023. The course with well curated sessions imparts training in adopting a focused approach in neuro-emergencies. It has been organized in various parts of India [Under the Aegis of Indian Society of Neuroanaesthesiology and Critical Care (ISNACC) and Neurocritical care Society of India (NCSI)] and it was our utmost privilege to be hosting this event, a first for Rajasthan. There was excitement amongst the trainees since the first announcement of the course and everyone was applauding (and thanking!) the guest faculty for traveling to Jodhpur in harsh summer. We are grateful to the course directors, Dr Keshav Goyal and Dr Saurabh Anand, and the faculty, Dr Niraj Kumar, Dr Nischint Jain and Dr Kiran Jangra for their passion in teaching the science of managing the neuro-emergencies and sharing their practices and experiences. They were supported by the faculty from the host department and Departments of Neurosurgery, Neurology and Diagnostic and Interventional Radiology. The delegates were from various backgrounds; Anaesthesia, Critical Care, Neuroanaesthesia, Trauma.

The first day of the course began with invoking the blessings of Maa Saraswati and a formal inauguration by the Executive Director of AIIMS Jodhpur, Dr Madhabananda Kar in presence of Dean (Academics), Dr Kuldeep Singh and HODs, Dr Pradeep Bhatia, Dr Deepak Jha and Dr Samhita Panda.

Post event, post MD/MS delegates were asked to answer a google form-based interview and the responses were very encouraging.



**Swati Chhabra, MD, DNB,
Additional Professor
Department of
Anaesthesiology and
Critical Care, AIIMS,
Jodhpur**



Gudela Mohan Sai

What is your current work profile and core area of training?

I am currently a first year DM Critical Care Medicine trainee at AIIMS, Jodhpur. I did my MD in Anaesthesiology from AIIMS, New Delhi

What were your expectations while enrolling for the acute neuro care course?

I was looking for a comprehensive guide to learn about neurological emergencies. I was expecting the same from The Acute Neuro care course organized by the expert faculty.

How well did the course meet your expectations and what were the important learning points for you?

Interactive lectures and workshops helped me to be involved in the learning process actively. More importantly the experts in the field shared their expertise in handling the grey areas. I was not so confident with stroke management previously. Got clarity now in the management. Time is Brain

Harshit Mishra

What is your current work profile and core area of training?

PDAF SR-Neuroanesthesia and neurocritical care, SGPGI, Lucknow

What were your expectations while enrolling for the acute neuro care course?

My expectations were to learn topics in an easy way

How well did the course meet your expectations and what were the important learning points for you?

Met with my expectations, especially learning the approach to trauma and stroke patients. The stations were very helpful in understanding every topic.

In your opinion, what is the relevance of expertise in neurocritical care?

Being an expert in any specialty like in neurocritical care helps in making diagnosis and management quickly based on the overall experience in a very simple way that previously was perceived to be very difficult.

Aftab Hossain

What is your current work profile and core area of training?

Academic SR (Trauma Surgery and Critical Care), AIIMS Jodhpur

What were your expectations while enrolling for the acute neuro care course?

To learn the management of critically ill neuro-trauma patients especially in the Intensive care unit.



Sunil Kumar Bhardwaj

What is your current work profile and core area of training?

PDAF Senior Resident in Neuroanesthesia, SGPGI Lucknow

What were your expectations while enrolling for the acute neuro care course?

To get well versed with neuro case management.

How well did the course meet your expectations and what were the important learning points for you?

Excellent teachers & lectures were very informative. All the workstations discussed the practical aspects.

In your opinion, what is the relevance of expertise in neurocritical care?

Need of the hour

Marina Kharkongor

What is your current work profile and core area of training?

MCh Trauma Surgery and Surgical Critical Care Surgeon, AIIMS Jodhpur

What were your expectations while enrolling for the acute neuro care course?

Expected to learn about management of traumatic brain injury and imaging.

How well did the course meet your expectations and what were the important learning points for you?

The course was good and I learnt a lot and also got to revise some of the points related to non-traumatic brain injury which will be helpful in the future.

In your opinion, what is the relevance of expertise in neurocritical care?

It's an important aspect of care.

Shelly Singh

What is your current work profile and core area of training?

Postdoctoral fellow in Neuroanaesthesia and Neurocritical Care, AIIMS Jodhpur

What were your expectations while enrolling for the acute neuro care course?

To get in depth knowledge of acute emergencies we come across in Neuro ICU and Neuro OT



W E L C O M E

New Member

Memb. No	Name
LMC-43	Vishal K Chavda
LMG-82	Swathi Kechchawar G
LMG-83	Ganesh Gupta
LMJ-28	Hemant Jingar
LMJ-29	Balu Sankar J
LMK-102	Gyanendra Kumar
LMN-29	Surabhi Swarup Nellore
LMN-30	Shalaka Sandeep Nellore
LMR-73	Rajesh Rajgopal
LMS-184	Akanksha Sharma
LMS-185	Nishant Sahay
LMT-20	Parna Thakkar
LMT-21	JithendraThiruvathra
LMV-24	Medha Vyas
LMV-25	Akansha Viswanathan

Congratulations for new Training Programmes



Saurabh Anand, MD

**Chief - Neuroanaesthesia and Neurocritical Care
Artemis Hospitals, Gurugram**

We are excited to announce that our department (Artemis hospital, Gurugram) has been accredited for DrNB Neuroanesthesia from July 2023. Two (2) seats every year for next 5 years has been allocated.



Chidananda Swamy M N, MD

**Consultant and Head, Department of Neurocritical care,
Brunei Neuroscience Stroke and Rehabilitation Centre,
Brunei, Brunei Darussalam**

The Department of Neurocritical care, Brunei Neuroscience Stroke and Rehabilitation Centre, Brunei, Brunei Darussalam, Brunei, takes pride in announcing its accreditation to ISNACC & NCSI for the Fellowship in *Neurocritical care from 2023.

This is the first overseas Center to be accredited by ISNACC for the Fellowship program.

Fellowship in Neurocritical care - 2 Seats

Tenure: 1 Year for Fellowship

+ 1 year as Post Fellowship Resident in Neurocritical care .

Standard Exit Exam: will be conducted in Premier Neuroscience Centres of India as decided by the ISNACC secretariat.

Selection - by formal interview

Admission will be in Jan or July every year

Interested candidates may please send you personal details and CV to the following

Course Direct - Dr Chidananda Swamy M N ,

Consultant and Head, Department of Neurocritical care ,

Brunei Neuroscience Stroke and Rehabilitation Centre, Brunei, Brunei Darussalam,

Email- dr.chidananda@pjscbrunei.com

Sir Ganga Ram Hospital, New Delhi

Post-Doctoral Fellowship in Neuroanaesthesiology

Course Director- Dr Rachna Bhutani

Email- rachnabhutani13@gmail.com

Geetanjali Medical College and Hospital, Udaipur

Post-Doctoral Fellowship in Neuroanaesthesiology

Course Director- Dr Neelesh Bhatnagar

Email- drneesh1106@gmail.com

Rajagiri Hospital, Kochi

Post-Doctoral Fellowship in Neurocritical Care

Course Director- Dr Dr Manju Manmadhan

Email- manjumanmadhan@gmail.com

RESIDENT'S CORNER

Congratulations on successful completion of the course

Congratulations on successful completion of the course

SGPGI, Lucknow



Pragma Gupta
Post Doctorate Fellow

AIIMS, NEW DELHI



Neha Sharma
DM
Neuroanaesthesiology
and Critical care



Buble Khakhlyar
PDF
Neurocritical care



Muazzam Hasan
PDF
Neurocritical care



Kali Charan Das
PDF
Neurocritical care

PGIMER, Chandigarh



Aparna Depuru
DM
Neuroanaesthesiology
and Critical care



Vinitha N
DM
Neuroanaesthesiology
and Critical care



Kirandeep Kaur
DM
Neuroanaesthesiology
and Critical care

RESIDENT'S CORNER

Congratulations on successful completion of the course

NIMHANS, Bengaluru



Muralidhara P
PDF
Neuroanaesthesia



Rakesh T L
PDF
Neuroanaesthesia



Priya Pakal
PDF
Neuroanaesthesia



Meshwa Desai
PDF
Neuroanaesthesia



Divya Rana
PDF
Neurocritical care



Roma Sharma
PDF
Neurocritical Care

Awards Received



Kaushiki Roy, ISNACC PDF Neuroanesthesia candidate at KokilabenDhirubhai Ambani hospital and Medical Research Institute, Mumbai received the first prize in podium presentation in Neuro-allied speciality at the Bombay Neurosciences Association (BNA) Meeting held on 15th January 2023.

Brenda Paulson, ISNACC PDF Neuroanesthesia candidate at KokilabenDhirubhai Ambani hospital and Medical Research Institute, Mumbai received the first prize in podium presentation in Neuro-allied speciality at the Bombay Neurosciences Association (BNA) Meeting held on 19th March 2023.



Apoorva Singh, Senior Resident, DM Neuroanaesthesia at PGIMER, Chandigarh received the Runner up prize in poster presentation at Neuroanaesthesia and Critical Care Society - Annual Scientific Meeting (NACCS-ASM) 2023, Nottingham, UK



Answers for the crossword published in the previous issue (May 2023)

DOWN

1. Knosp
2. Lhermitte
3. Lou Gehrig
4. Wrong

ACROSS

5. Leksell
6. Riluzole
7. Hematocrit
8. Wrong
9. Apneustic
10. Right

Puzzles

ANSWER

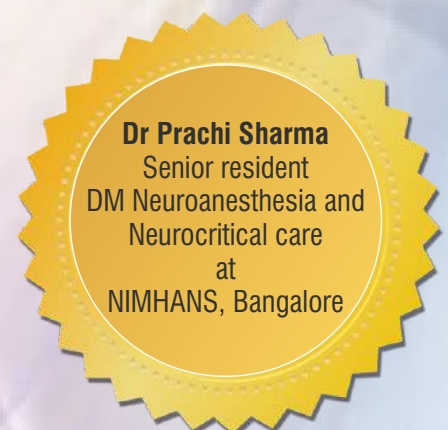
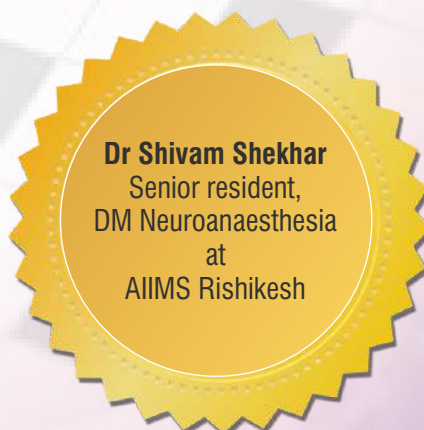


Congratulations to the winners of Puzzle-3

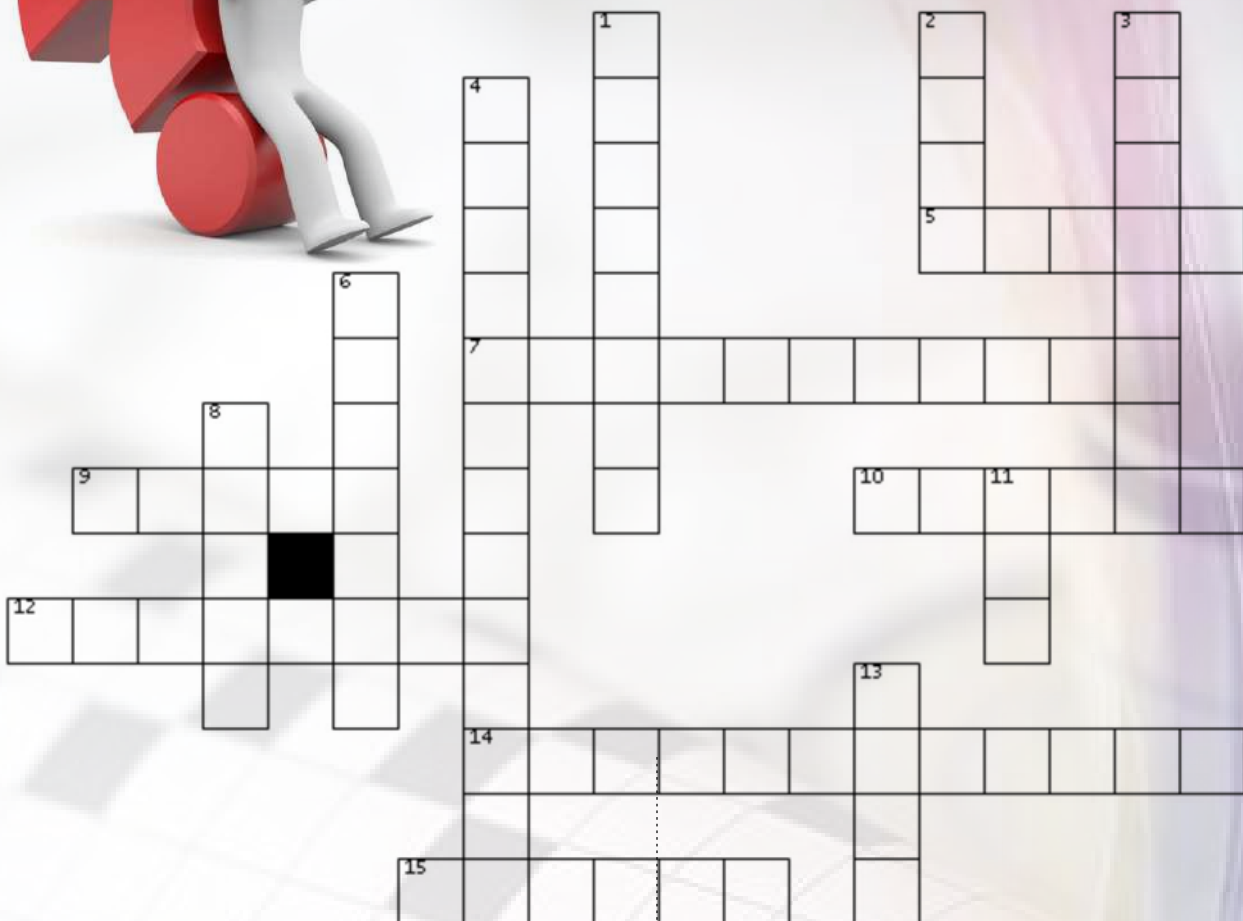
Many thanks for the continued overwhelming response!

Heartfelt appreciation to all the participants!

*The first three winners
will soon receive their
Token of Appreciation*



CROSSWORD PUZZLE 4



CLUES

ACROSS

5. The named TCD derived index which informs about basilar artery vasospasm: (___ ratio)
7. Antagonist for Dexmedetomidine
9. This device depicted in image 1 provides target-controlled, MAC-driven automated intensive care sedation using inhalational agents like Anaconda
10. This index on a ventilator is assessed during constant inspiratory flow and analyses the shape of the pressure-time

curve. It can indicate tidal overdilation when displaying an upward concavity, tidal recruitment when displaying a downward concavity and non-injurious ventilation when the shape follows a straight line

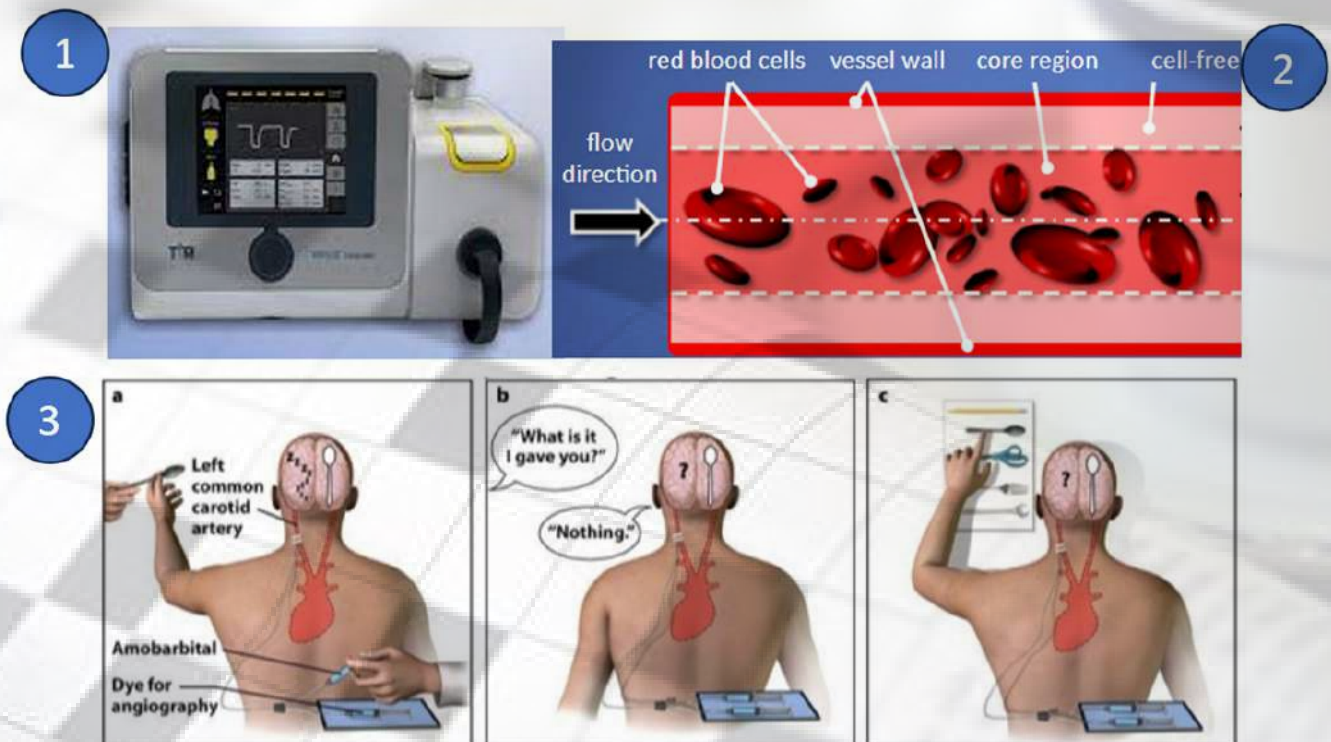
12. The name of the testing depicted in image 3 comes from the doctor who first performed it. Can you guess his name?
14. Pharmacological reversal agent for Dabigatran
15. This trial used the sustained release formulation of nimodipine EG-1962 via external ventricular drain in patients with aneurysmal SAH

DOWN

1. Separation of contents of a gas mixture into its constituent components below its critical temperature: (___ effect)
2. The imaging modality of choice for imaging cranial nerves at the skull base is abbreviated as __ MRI
3. Identify the physiological mechanism depicted in image 2 that maintains microvascular perfusion: (___ effect)
4. This drug is used to estimate cerebrovascular resistance using augmented blood oxygenation level-dependent (BOLD) MRI
6. This named landmark study on IV fluids compared the effect of crystalloids and

Puzzles

- colloids on mortality in critically ill patients with severe sepsis and was published in JAMA 2013
8. The central inspiratory activity estimated using P 0.1 (occlusion pressure at 100 ms) varies between 2.5 and 5 cmH₂O in healthy subjects. right/wrong?
 11. This index is a composite score to predict weaning failure on high flow nasal oxygenation therapy, which is calculated using the respiratory rate, Fio₂ and SpO₂
 13. CROP index more than 13 is a good predictor of weaning from mechanical ventilation. right/wrong?



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

Three winners will receive, Amazon gift vouchers and acknowledged in the next issue!

If > 3 correct entries the first 3 respondents will be announced as winners!

ANESTHETIC MANAGEMENT OF A CASE OF CEREBROSPINAL FLUID (CSF)-VENOUS FISTULA EMBOLIZATION

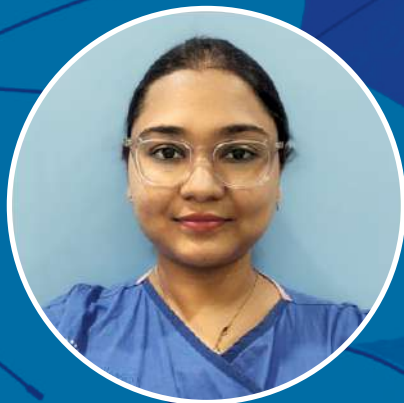
Kokilaben Dhirubhai Ambani hospital and Medical Research Institute, Mumbai

Cerebrospinal fluid (CSF)-venous fistulas are a direct communication between the spinal subarachnoid space and epidural veins causing the loss of CSF directly into systemic circulation[1,2,3]. A 40 year old male patient with no comorbidities presented with complaints of postural headache since two weeks and vomiting since one day prior. The diagnosis of intracranial hypotension was made based on symptoms and CT scan finding of bilateral symmetrical subdural hygromas. Patient underwent magnetic resonance imaging (MRI) with MR myelography to identify the potential source of CSF leak. A CSF-venous fistula was demonstrated at L2 level [Fig.1(a)]. He underwent successful digital subtraction angiography [Fig.1(b)] and embolization of the CSF venous fistula under balanced general endotracheal anesthesia in the neurointervention suite.

Potential anesthetic challenges and their solutions include: (i) Preventing hypoxia and circuit disconnection by shorter periods of controlled apnea, checking extension and tubings after each position change, preferring endotracheal tubes over supraglottic airway devices [Fig.2]; (ii) Preventing nerve injuries with padding of pressure points, avoiding nerve compression or stretching during patient positioning; (iii) Preventing anesthesia awareness with use of balanced anesthesia technique with IV anesthetic infusions and inhalational anesthetic agents, use of depth of anesthesia monitors; (iv) Monitoring contrast media volume, vigilance for anaphylaxis; (v) Averting contrast induced nephropathy[5] using judicious administration of isotonic crystalloids, strict intake-output monitoring, urinary catheterization and use of diuretics. Understanding these problems and their solutions are the important learning objectives of this report.

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Dr. Kaushiki Roy, DNB
Senior Resident
Kokilaben Dhirubhai
Ambani hospital and
Medical Research Institute,
Mumbai



Dr. Chinmaya Bhawe,
DNB, PDF
Consultant Neuroanesthesiologist
Kokilaben Dhirubhai
Ambani hospital and
Medical Research Institute,
Mumbai

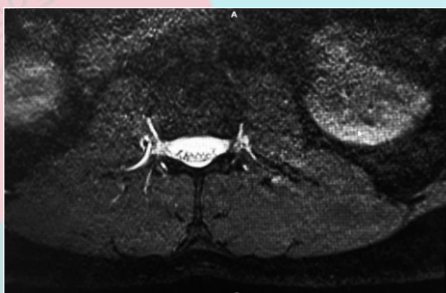


Figure 1(a) MR myelography image of the patient's lumbar region demonstrating an early spreader vein indicated by the arrow.

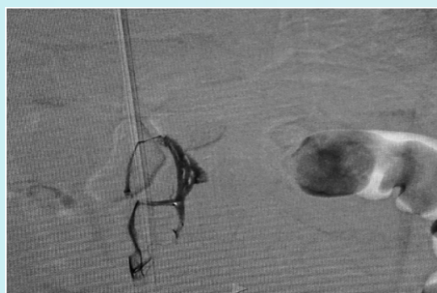


Figure 1(b) Digital subtraction angiography image showing the contrast accumulated in the involved vein indicated by the arrow.



Figure 2. Photograph from the neurointervention suite showing the positioning of the patient in left lateral decubitus position in the presence of the bi-plane

INTRAOPERATIVE RATE DEPENDENT LEFT BUNDLE BRANCH BLOCK – A CASE REPORT.

Department of Neuroanesthesiology, Kokilaben Dhirubhai Ambani Hospital and Medical Research Institute, Mumbai

Rate dependent LBBB is diagnostically important as it may mask the electrocardiographic manifestations of myocardial infarction and diagnosis is often difficult.

The Sgarbossa criteria helps diagnose acute myocardial infarction in the presence of left bundle branch

Rate-dependent left bundle branch block (LBBB) occurs when heart rate surpasses a critical threshold and is attributed to delay in recovery of diseased bundle branch. Left bundle branch block is often seen in patients with coronary artery disease, hypertension, aortic valve disease, and cardiomyopathies. However, cases without evidence of heart disease also exist. This condition is clinically significant due to its association with myocardial ischemia. In this case report, we present a patient who developed rate-dependent LBBB during surgery despite having no previous history of ischemic disease and a structurally normal heart.

The patient was 57 year old male, known hypertensive with a past history of transient ischemic attack involving face for lumbar spine discectomy and fusion. Preoperative evaluation showed sinus rhythm on ECG, and good ventricular function on echocardiography. However upon arrival in operating theatre, patient's heart rate increased, and a LBBB pattern was observed (figure 1). The block worsened with further increase in heart rate but did not cause any significant symptoms. The event settled only with IV metoprolol and as heart rate reduced (figure2).



Brenda Paulson, MD
Senior Resident
(ISNACC, PDF)



Pranali Kadrekar, DA, DNB, PDF
Consultant Neuroanesthesiologist



Figure 1- LBBB pattern pre-induction



Figure 2- ECG pattern reverting to sinus rhythm after administering Inj. Metoprolol

Original Sgarbossa criteria for diagnosis of STEMI in the setting of LBBB			
CRITERIA	POINTS	Normal LBBB	Ischemic LBBB
ST segment elevation ≥ 1 mm in any lead with positive QRS (V4, V5, V6, aVL, I)	5		
ST segment depression ≥ 1 mm in V1, V2 and/or V3	3		
ST segment elevation ≥ 5 mm in any lead with discordant QRS (V1, V2, V3)	3		

These complexes show the normal (expected) appearance of LBBB. These complexes show ischemic manifestations in the setting of LBBB.

Figure 3 - Hence, it is important to recognize and treat this condition as it can have implications for diagnosing myocardial infarction and maybe mistaken for other cardiac disorders.

Due to new ECG changes and prolonged duration of surgery, case was deferred, cardiology opinion was sought. After ruling out cardiac pathology, patient was taken up for surgery next day and completed successfully under the cover of rate controlling agent IV Metoprolol and IV Dexmedetomidine block (figure 3).

Awards and Honors



MOTHER TERESA MEMORIAL NATIONAL AWARD FOR SOCIAL JUSTICE 2023
INTERNATIONAL NURSE PRIZE LAUREATE WINNER
In the field of Health and Social Activities

6th TUESDAY JUNE 2023
"RAVINDRA KALAKSHETRA"
Bangalore | Karnataka

DR. SANGEETHA R. PALANISWAMY
Assistant Professor - National Institute of Mental Health & Neurosciences (NIMHANS)
Bangalore, Karnataka

It is with great pleasure to nominate Dr. Sangeetha R. Palaniswamy Nominee for consideration for the International Nurse's day The National Press Council of India and The News Papers Association of Karnataka Jointly Presenting prestigious Award of Mother Teresa National Award for Social Justice 2023 recognition of her outstanding achievement in the field of " Medical Education Sector and Tireless Efforts " in addressing and raising awareness about issues of social justice in our community.

Co-Partner: **PRESS**
Associate Event Partner: **SANVI MEDIA RESEARCH ACADEMY**
Event Partner: **Shreehashree**
News Paper Partner: **ಬೆಂಗಳೂರು**
Magazine Partner: **RETRO TODAY GROUP**

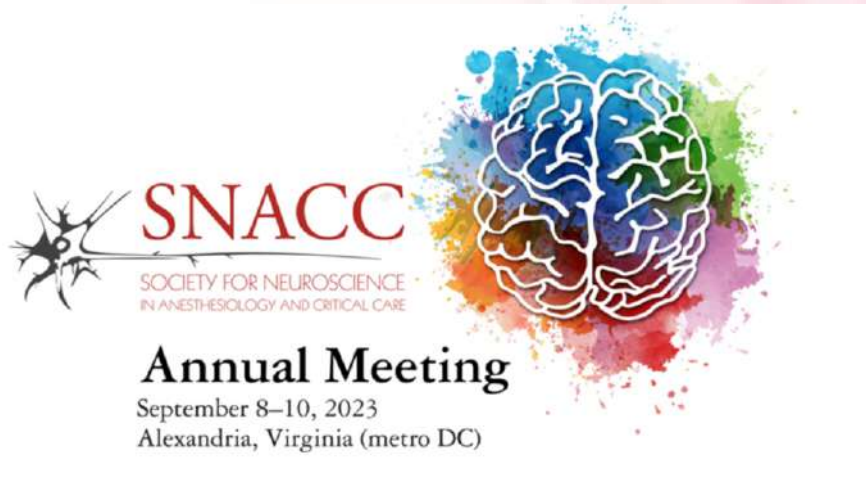
Dr Sangeetha RP, Assistant Professor in the Department of Neuroanaesthesia and Neurocritical Care at NIMHANS, Bangalore, received the Mother Teresa Memorial award from Hon'ble Justice Sir Abdul Nazeer (Governor of Andhra Pradesh) and Dr Pratima Murthy (Director at NIMHANS) in recognition of contribution towards health and social activities, on June 6th, 2023, at Raveendra Kalakshetra, Bangalore




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

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







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DEPARTMENT OF NEUROANESTHESIA &
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NIMHANS, BANGALORE

DATE : 29.10.2023 (SUNDAY)

VENUE : DR MVG CENTRE, NIMHANS, BANGALORE

REGISTRATION FEES : RS. 1500/-

Organizing Chairman: Dr Ramesh VJ
Organizing Secretary: Dr Rohini MS
Treasurer: Dr Sangeetha RP

Payment details for registration
Account name: Department of Neuroanaesthesia
Bank: State Bank of India [NIMHANS, Bangalore branch]
Account number: 40567119990
IFSC code: SBIN0040675

Registration link: <https://forms.gle/vo2X3rTkY69du5RR6>

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