

4th Annual Conference of Society of Therapeutic Neuro Intervention(STNI)



6th - 9th Feb, 2020
Hyatt Regency, Kolkata, India



MESSAGES



Dr Mathew Cherian, President STNI

It gives me great pleasure to invite all of you for the 4th National Conference of the Society of Therapeutic Neuro Intervention. Neuroradiology is one of the fastest growing specialities in the field of medicine. Not only is it fast but also the treatment strategies involved in treating the diseases of the blood vessels in the brain are changing at an unprecedented pace. Stroke has been in the forefront of neuro interventional treatment options and today with better devices and better understanding of the disease, we can offer successful treatment to a much larger population. The conference will highlight new techniques and better understanding of the management of the vascular malformations of the brain.

The organisers of the 4th Annual Conference of STNI take immense pleasure in personally inviting each one of you to the "City of Joy" - Kolkata for this wonderful academic feast.

Neuro Intervention has grown at a tremendous pace in the last two decades and neuro interventionists play a critical role in management of haemorrhagic and ischaemic stroke. STNI is playing a critical role in further evolution of the sub-speciality in our country. The Annual Conference of STNI is one of the most reputed and well attended academic meetings in this field.

The "STNI 2020" will be an academic feast for budding as well as experienced interventionists. The meeting will cover the dilemmas, technical challenges in complex cases as well as latest developments in this field. I hope you will enjoy this academic extravaganza!



Dr Vipul Gupta, Secretary STNI



Dr Sukalyan Purkayastha,
Organising Secretary STNI 2020

I am extremely delighted to invite you to the 4th Annual Conference of the Society of Therapeutic Neuro Intervention (STNI) which is scheduled from 6th - 9th of February, 2020 in Kolkata, the cultural capital of India also known as the "City of Joy". STNI holds its annual conference to share and spread knowledge & insight among the Neuro Intervention fraternity in India & abroad. Our scientific programme is primarily aimed at encouraging & enabling wide range of discussions on cutting edge technologies, techniques & engaging didactic lectures, debates, sessions, cases and research presentations by renowned international & national faculties. The meeting encourages active participation of young budding fellows and students who want to make their mark in the field of Neuro Intervention.

The theme of this conference - "Happy Brain"- is coined to emphasize the true nature of Neuro Intervention and every patient's experience! I eagerly look forward to welcome you, your friends and family to Kolkata and certainly believe that this 'Summit of great minds in Neuro Intervention' coupled with our combined endeavours will take this annual conference to a decisive platform of sharing knowledge in this field. I am sure, the pleasing climate, hospitality & captivating scientific sessions will make this conference a memorable one!



INTERNATIONAL FACULTIES

Edoardo Boccardi, Italy | **Hakan Demirci**, USA | **Ian Rennie**, UK | **In Sup Choi**, Korea | **Jaques Moret**, France | **Joseph J. Gemmete**, USA | **Lakmalie Paranehewa**, Sri Lanka | **Laurent Spelle**, France | **Mayank Goyal**, Canada | **Mynzhylky Berdikhojayev**, Kazakhstan | **Naci Kocer**, Turkey | **Neeraj Chaudhary**, USA | **Philippe Mercier**, France | **R. P. Sengupta**, UK | **Ramon Navarro**, UAE | **Rene Chapot**, Germany | **Sameer Ansari**, USA | **Sandra Narayanan**, USA | **Shafiqul Islam**, Bangladesh | **Somnath Chatterjee**, UK | **Tashi Tanzin**, Bhutan | **Tufail Patankar**, UK

NATIONAL FACULTIES

Akash Handique, Shillong | **Ajay Kumar**, Chandigarh | **Anand Alurkar**, Pune | **Anil Karapurkar**, Mumbai | **Anita Jagetia**, New Delhi | **Ankit Mathur**, New Delhi | **Arun Kumar Gupta**, Bengaluru | **Arvind H. R.**, Bangalore | **Atulabh Bajpayee**, Udaypur | **Biplab Das**, New Delhi | **Chirag K. Ahuja**, Chandigarh | **Daljit Singh**, New Delhi | **Firdaus Ahmed**, Guwahati | **Gaurav Goel**, New Delhi | **Gigy Kuruttukulam**, Kochi | **Harsh Rastogi**, New Delhi | **Hima Pendharkar**, Bangalore | **Hridayesh Sahni**, Gandhinagar | **Jayadevan E. R.**, Thiruvananthapuram | **Joy Varghese**, Chennai | **K. Murali**, Chennai | **Kamal Pathak**, Pune | **Manish Chugh**, New Delhi | **Manish Srivastava**, Mumbai | **Mathew Cherian**, Coimbatore | **Mukesh Sharma**, Ahmedabad | **N. K. Mishra**, New Delhi | **Nishant Aditya**, Mumbai | **Nitin Dange**, Mumbai | **Paritosh Pandey**, Bangalore | **Periyakaruppan**, Chennai | **Rahul Kumar**, Patna | **Rajeev Sivasankar**, Mumbai | **Rajendra V. Phadke**, Lucknow | **Rakesh Singh**, Mumbai | **Rashmi Saraf**, Mumbai | **Ravi Kumar**, Kolkata | **Ravi Varma**, Hyderabad | **Santhosh Joseph**, Chennai | **Shailesh Gaikwad**, New Delhi | **Shyamkumar N. K.**, Vellore | **Sibasankar Dalai**, Visakhapatnam | **Srinivas Paramsivan**, Chennai | **Sunanda Anand**, Mumbai | **Suresh Giragani**, Hyderabad | **Swaroop Gopal**, Bangalore | **Swatee Halbe**, Chennai | **Suyash Kulkarni**, Mumbai | **Trilochan Shrivastava**, Jaipur | **Uday S. Limaye**, Mumbai | **V. R. K. Rao**, Hyderabad | **Venkateswarlu J.**, Hyderabad | **Vijay Dixit**, New Delhi | **Vijay Jayakrishnan**, Kochi | **Vikash Gupta**, New Delhi | **Vikram Huded**, Bangalore | **Vipul Gupta**, New Delhi | **Vivek Gupta**, Chandigarh | **Vivek Singh**, Lucknow

LOCAL FACULTIES

Abhijit Chatterjee, Kolkata | **Ajay Agarwal**, Kolkata | **Amar Mishra**, Kolkata | **Ambar Chakraborty**, Kolkata | **Amit Halder**, Kolkata | **Amitava Ghosh**, Kolkata | **Amlan Mondal**, Kolkata | **Anup Bhattacharya** | **Anup Chakraborty**, Siliguri | **Arabinda Mukerjee**, Kolkata | **Ashis Bhattacharya**, Kolkata | **Ashis Das**, Kolkata | **Ashis Datta**, Kolkata | **B. K. Singhania**, Kolkata | **Bibhu Kalyani Das**, Kolkata | **Biman Roy**, Kolkata | **B.C.Mohanty**, Kolkata | **Debashis Basu**, Kolkata | **Didyendu Kr. Roy**, Kolkata | **Debasish Bhattacharjee**, Kolkata | **Debasish Chakraborty**, Kolkata | **Deep Das**, Kolkata | **G. K. Prusty**, Kolkata | **Gautam Ganguly**, Kolkata | **G.P.Mondal**, Kolkata | **Harsh Jain**, Kolkata | **Indrajit Roy**, Kolkata | **Jayanta Roy**, Kolkata | **Kallol K. Dey**, Kolkata | **L. N. Tripathy**, Kolkata | **Moloy Chakraborty**, Siliguri | **N.N.Sarangi**, Kolkata | **Prasad Krishnan**, Kolkata | **P.K. Ganguly**, Kolkata | **Parimal Tripathy**, Kolkata | **Pahari Ghosh**, Kolkata | **Prasenjit Chakraborty**, Kolkata | **R. N. Bhattacharya**, Kolkata | **S. K. Biswas**, Kolkata | **S. N. Singh**, Kolkata | **S. P. Ghorai**, Kolkata | **S. S. Nandi**, Kolkata | **Sagar Bose**, Kolkata | **Sandeep Chatterjee**, Kolkata | **Sandip Paul**, Kolkata | **Shobhana A.**, Kolkata | **S. N. Ghosh** | **Subhasis Ghosh**, Kolkata | **Sudipto Chatterjee**, Kolkata | **Sumit Deb**, Kolkata | **Suniti Saha**, Kolkata | **Swapan Mukhopadhyay**, Kolkata | **T. K. Banerjee**, Kolkata | **Trishit Roy**, Kolkata | **Vijay Kumar G. R.**, Kolkata

ORGANISING COMMITTEE

Sukalyan Purkayastha | **Kajari Bhattacharjee** | **Jayanta Roy** | **Gobindo Pramanik** | **Avik Bhattacharjee** | **Partho Samui** | **Dimple Shah** | **Dipendra Pradhan** | **Amitabha Ray** | **Tuli Basu** | **Biswajit Paul** | **Subrata Nag**



HIGHLIGHTS OF SCIENTIFIC PROGRAM

NEUROVASCULAR ANATOMY COURSE

- Neurovascular anatomy teaching from PLANET Course directors (Prof Philippe Mercier & Prof In Sup Choi) with in-depth discussion of intra and extracranial and spinal arterial and venous 3D anatomy, anastomotic pathways and their relevance in planning neurointerventional treatment. The discussion on operative and angiographic 3D anatomy with histology of normal and vascular disease states will take us to the next level of understanding how we approach to different neurovascular problems.

SIMULATOR & HARDWARE COURSE

- Simulator training on stroke, aneurysm coiling, stenting, flow diverters
- Flow models
- Virtual reality
- In-depth teaching of all hardware used in today's Neurointervention

HARDWARE, CATHLAB SYSTEMS AND DOSE REDUCTION

- PHILIPS, SIEMENS AND GE systems and their dose reduction protocols
- Radiation protection systems & dose measurement
- How to set a lab for Neurointervention and support services

ISCHAEMIC STROKE SYMPOSIUM

- Neurological masterclass on aetiology and pathophysiology
- How to establish a stroke centre and our challenges
- Role and responsibility of hospital management in stroke set up
- State of art imaging Vs how we tailor in acute stroke setting
- Vessel wall imaging
- Evidence back up, trials and AHA guidelines
- Optimising door to needle time
- Patient selection & optimising door to groin puncture time
- Cathlab setting in Stroke centre – know your job!
- Discussion on stent retrievers & suction devices – when & how to use
- Case discussion, real life scenario and tips from the Masters!
- Posterior circulation stroke – where we are?
- Which patients should not be treated
- How to treat tandem lesions and associated ICA stenosis in acute setting
- Alternate vascular route in failed femoral access in acute stroke management



HIGHLIGHTS OF SCIENTIFIC PROGRAM

STROKE PREVENTION AND CAROTID STENTING

- Preventive measures and role of imaging
- Carotid stenting – evidences so far!
- CEA – how far applicable in stenting era?
- Carotid stenting – techniques and long term results
- Newer carotid stents – Case in box
- Intracranial stenting – trials and evidences
- Intracranial stenting – Case in box
- Anterior & posterior circulation intracranial angioplasty & stenting - technique & results
- Venous stenting in IIH – Role and efficacy

ANEURYSM MASTERCLASS

- Understanding aneurysm & subarachnoid bleed
- Vasospasm prevention & treatment
- Excerpts from different trials
- Clash of titans – the never ending story! Round table discussion with cases
- How to negotiate difficult anatomy while using multiple devices
- Unaided coiling & coils with microstents in acute setting
- Tiny aneurysms and blisters – still a challenge!
- Mastering single, double and triple balloons – how far can we accommodate?
- Stent assisted coiling in Flow diverter era
- Art and science of intravascular and intrasacular flow diversion including objective estimation of flow
- Usage and extended usage of flow diversion – unruptured & ruptured
- Paediatric aneurysms – strategies and management
- How far can we go with intra aneurysmal flow diversion – techniques and results
- Newer technologies, surface modifications

PHARMACOLOGY, ANAESTHESIA, PAIN MANAGEMENT & CRITICAL CARE

- Neuro-anaesthesia and critical care in Neurointervention
- Interventional pain management by Neurointerventionist
- Pharmacology in Neurointervention
- Role of antiplatelet testing



HIGHLIGHTS OF SCIENTIFIC PROGRAM

CEREBRAL ARTERIOVENOUS MALFORMATION COURSE

- Natural history, anatomy and pathophysiology and indication of treatment
- Trials on AVM treatment
- Predictors of AVM rupture – biology & imaging
- Round table discussion on triple modality with challenging cases
- How do I treat cortical AVMs - learn from masters!
- Brain stem, basal ganglia and choroidal AVMs – different “ball game”
- Arterial Vs venous route – how to select cases
- Embolization for cure? How far have we reached?
- Targeted approach in untreatable AMVs
- Combined arterial and venous route
- Pressure cooker or reverse pressure cooker?
- Paediatric brain AVM & VOGM – Management & complications
- Case in box with discussion
- Surgical approaches and results
- AVM in pregnancy – Strategies & management

DURAL / PIAL ARTERIOVENOUS FISTULAE SYMPOSIUM

- Advancement in imaging of DAVF
- Classification and anatomic relevance
- Clinical feature
- Dural-pial anastomosis and their clinical significance
- Endovascular techniques of DAVF treatment
- Anterior cranial fossa DAVF – Endovascular Vs Surgery
- Cavernous segment DAVF - Endovascular treatment
- SSS DAVF – Different endovascular treatment approaches and results
- Tentorial DAVF & foramen magnum DAVF
- Carotid cavernous fistulae – endovascular approaches and results
- Paravertebral & osteodural shunts
- Case in box – DAVF with teaching points
- Case in box – CCF with teaching points
- Embolization for SDH



HIGHLIGHTS OF SCIENTIFIC PROGRAM

SKULL BASE, HEAD & NECK TUMOR

- Imaging of head & neck tumours and their angiographic evaluation
- Haemangioma embolization – techniques and results
- Cirsoid aneurysms – how do I treat
- Direct puncture interventional treatment of head & neck tumour – techniques
- Case in box – learn from masters!
- Retinoblastoma – role of Neurointervention
- Hypervascular brain tumours - Role of intervention

SPINAL VASCULAR & NON VASCULAR INTERVENTIONS

- Spinal AVMs – rationale for treatment – cure or control?
- Spinal Dural fistulae – endovascular treatment
- Spinal AVMs and AVFs – arterial and venous approaches
- Case in box – teaching points
- Cervical paraspinal fistulae – approach and treatment
- Paraspinal AVMs – endovascular treatment
- Vertebroplasty and kyphoplasty
- Preoperative spinal tumour embolization
- Percutaneous interventional disc herniation treatment





REGISTRATION DETAILS

NATIONAL/INTERNATIONAL RESIDENTIAL REGISTRATION*

Type	Single occupancy		Accompanying person
Faculty	20,000 INR		15,000 INR
	Single occupancy	Double occupancy	Accompanying person
#Delegates /PG Students/Technologists	30,000 INR	25,000 INR	25,000 INR
Industry	50,000 INR	40,000 INR	NA

* This is a residential package with rates per person (Registration includes conference registration with 3 nights stay)

NON-RESIDENTIAL REGISTRATION **

Delegates	10,000 INR per person
PG Students #	5,000 INR per person
Technicians #	3,000 INR per person

** This registration includes only conference access

PG Students/technicians need to submit the letter of recommendation from their respective HOD's

SECRETARIAT ADDRESS

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Conference RSVP

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