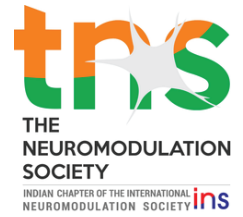




Institute of
Neurosciences
Kolkata



TNS CONGRESS 2025 5-7 SEPTEMBER 2025

5th ANNUAL CONGRESS OF
THE NEUROMODULATION SOCIETY

JW Marriott Hotel
Kolkata



CONFERENCE PROGRAM



REGISTER NOW

THE NEUROMODULATION SOCIETY (TNS) CONGRESS 2025

6 September 2025

07:30 - 08:45	Breakfast & Registration
08:45 - 09:00	Welcome & Introduction
09:00 - 09:20	Mark R Baker <i>Clinical Application of TMS in Neurology: Past, Present and Future</i>
09:20 - 09:40	Basabjit Das <i>Cervical Spinal Cord Stimulation: All That You Need to Know</i>
09:40 - 10:00	Preeti Doshi <i>Non-Invasive Neuromodulation for Chronic Pain</i>
10:00 - 10:20 Tea Break	
10:20 - 11:00	Presidential Oration: Paresh Doshi <i>Challenging Cases in Functional Neurosurgery</i>
11:00 - 11:30	Hagai Bergman <i>Towards Asleep DBS: Where Do We Stand?</i>
Inauguration of the I-NK Neuromodulation Centre of Excellence by the Neurosurgeon of the Millenium Prof. (Dr.) R. P. Sengupta, OBE	
11:40 - 12:00	Stuart N Baker <i>My Journey of Developing Non-Invasive Neuromodulation in Stroke and Spinal Cord Injury: From Monkey to Patients</i>
12:00 - 12:20	Gautam Saha <i>Repetitive Transcranial Magnetic Stimulation in Psychiatry – Past, Present and Future</i>
12:20 - 12:40	Pramod Pal <i>A Panoramic View of Evolution of Neuromodulation in India</i>
12:40 - 13:00	Nand Kumar <i>Neuromodulation in Addiction: Modulating Reward and Control Circuits in Substance Use Disorders</i>

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13:00 - 14:00	Lunch & Poster Session	
13:00 - 14:00	Interesting Case Presentations Related to Neuromodulation	
	Neurology <u>Experts:</u> Prashanth L.K Niraj Kumar <u>Coordinator:</u> Dhruv Batra <u>Presenters:</u> <ul style="list-style-type: none"> • Jaslovleen Kaur • Heli Shah • Divya MR • Arunmozhimaran Elavarasi • Neha Pandita • Debayan Dutta • Avneet Saini 	Neuropsychiatry <u>Experts:</u> Sachin Baliga Praveen Kumar <u>Presenters:</u> <ul style="list-style-type: none"> • Atrayo Law • Priya Dutta • Amit Jain • Post Graduate Trainees (from Kolkata)
14:00 - 14:30	General Body Meeting	

Parallel Session

Neurology	Neurosurgery & Pain	Neuropsychiatry
<u>Coordinator:</u> Sahil Mehta		
14:30 - 14:45 Hagai Bergman <i>Information Processing in Basal Ganglia: Healthy vs Parkinson's Disease</i>	14:30 - 14:45 Krishna Poddar <i>Neuromodulation for Refractory Headache</i>	14:30 - 14:45 Praveen Kumar <i>rTMS in Functional Neurological Disorders</i>
14:45 - 15:00 Divyani Garg <i>Neuromodulation in Atypical Parkinsonism - Promise or Illusion?</i>	14:45 - 15:00 Hitesh Patel <i>Dorsal Root Ganglion (DRG) as a Target for Neuromodulation</i>	14:45 - 15:00 Shyam Sundar Arumugham <i>Integrating Neuromodulation in Care of Tourette Syndrome: TMS, DBS, and Beyond</i>
15:00 - 15:15 Rukmini Mridula <i>Managing Dysarthria and Ataxia After Vim DBS - A Clinical Puzzle</i>	15:00 - 15:15 Hemant Kalia <i>Current Landscape for Peripheral Nerve Stimulation and Future Application</i>	15:00 - 15:15 Sreeraj VS <i>Neuromodulation in Schizophrenia: Bridging Neurocircuitry, Psychiatry, and Technology</i>
15:15 - 15:25 Q & A	15:15 - 15:25 Q & A	15:15 - 15:25 Q & A
15:25 - 15:45 Tea Break		

THE NEUROMODULATION SOCIETY (TNS) CONGRESS 2025

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Parallel Session

Neurology	Neurosurgery & Pain	Neuropsychiatry
Coordinator: Sahil Mehta		
15:45 - 16:00 Prashanth LK <i>DBS for PD & Dystonia: The Genetic Factor Uncovered</i>	15:45 - 16:00 Nana Morkane <i>Radio Frequency Ablation (RFA) - Neuro-modulation Modality for Chronic Pain</i>	15:45 - 16:00 Kaviraja Udupa <i>Non-Invasive Transcranial Electrical Stimulation in Neurology & Neuropsychiatry</i>
16:00 - 16:15 Jacky Ganguly <i>Getting Started with DBS Programming in Movement Disorders: Integrating Brain Sensing for Precision Therapy</i>	16:00 - 16:15 Tanmoy Maiti <i>Setting up a DBS Surgery Program</i>	16:00 - 16:15 Nitish Kamble <i>Non-Invasive Vagus Nerve Stimulation: Expanding Horizons in Neurological and Neuropsychiatric Disorders</i>
16:15 - 16:30 Guruprasad Hosurkar <i>Adaptive DBS: The Future of Personalized Neuromodulation</i>	16:15 - 16:30 Shabari Girishan <i>DBS Complications and Management</i>	16:15 - 16:30 Jagadisha Thirthalli <i>Role of Neuromodulation in Depression</i>
16:30 - 16:40 Q & A	16:30 - 16:40 Q & A	16:30 - 16:40 Q & A
16:40 - 17:00 Tea Break		
Neurology	Panel Discussion	Neurosurgery
17:00 - 17:15 Charulata Sankhla <i>Secondary Dystonia and DBS: A Tough Call - A Neurologists' Perspective</i>	17:00 - 17:30 <i>How to Enhance the Acceptance of Neuro-modulation for Neurology and Neurosurgery</i> Moderator: Paresh Doshi	17:00 - 17:15 Anandh Balasubramaniam <i>GPI or STN DBS?</i>
17:15 - 17:30 Abhishek Lenka <i>Spinal Cord Stimulation for Orthostatic Hypotension</i>	Panelist: • Sandeep Vaishya • Hrishikesh Kumar • Satyakam Baruah • TBD	17:15 - 17:30 Raghuram Gopalakrishnan <i>Role of Lesioning in Movement Disorders</i>
17:30 - 17:45 Prashant Jauhari <i>Non-invasive Neuromodulation in Drug Refractory Paediatric Epilepsy</i>	17:30 - 18:00 <i>How to Enhance the Acceptance of Neuro-modulation for Pain</i> Moderator: Preeti Doshi	17:30 - 17:45 Gurneet Singh Sawhney <i>Pallidothalamic Tract - A Potential New Target</i>
17:45 - 18:00 P Vijayashankar <i>From Cortex to Depth: Clinical Advances in Deep TMS</i>	Panelist: • Ravi Shankar Sharma • Snehal Panchal • Anandh Balasubramaniam • TBD	17:45 - 18:00 Akshat Kayal <i>Redo DBS - What to look out for?</i>
18:00 - 18:10 Q & A		18:00 - 18:10 Q & A
18:10 - 18:20 Short Break		

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6 September 2025

Flash Talks - Neurology	Ask the Expert - Neurosurgery
Coordinator: Arindam Ghosh	
18:20 - 18:30 Dinkar Kulshreshtha <i>Low-Intensity Focused Ultrasound Stimulation (LIFU): Non-Invasive Precision Neuromodulation</i>	18:20 - 19:30 Challenging Cases of Functional Neurosurgery <i>(Case 6 mins each followed by brief discussion)</i> Experts: Raghuram Gopalakrishnan Pettarusp Wadia Presenters: <ul style="list-style-type: none">• Neha Rai• Manish Baldia• Jim Mathew• Shejoy P Joshua• Rajesh Alugolu• Chirag Solanki• Anirban Deep Banerjee
18:30 - 18:40 Suvorit Bhowmick <i>Optogenetic Neuromodulation: Precision at the Speed of Light</i>	
18:40 - 18:50 Mitesh Chandarana <i>Neuroimmune Modulation: The Brain-Immune Axis</i>	
18:50 - 19:00 Arushi Gahlot Saini <i>DBS for Neurological and Neuropsychiatric Disorders in Children</i>	
19: 00 - 19:10 Lulup Kumar Sahoo <i>Brain-Computer Interfaces (BCI) in Neuromodulation: Science Fiction or Near Future?</i>	
19:10 - 19:20 Kuldeep Shetty <i>Dual-Target DBS: Who Really Needs It?</i>	
19:20 - 19:30 Q & A	
‘Nazm-o-Naghma’ by Pratyush and Utkarsh Sharma - A Musical Evening of Hindi Old Melodies and Ghazals & Dinner	



THE NEUROMODULATION SOCIETY (TNS) CONGRESS 2025

7 September 2025

07:00 - 08:00	Breakfast
08:00 - 08:20	Hemant Kalia <i>Recent Advances in Intrathecal Drug Delivery and Novel Dosing Paradigm</i>
08:20 - 08:50	Birinder Singh Paul <i>Ethical Aspects of Neuromodulation in Neurological & Neuropsychiatric Disorders</i>
08:50 - 09:10	Hrishikesh Kumar <i>Gait and Balance Disorders: Physiology to Neuromodulation</i>
9:10 - 9:30 Tea Break	
09:30 - 09:50	Rupam Borgohain <i>Long-term Outcome of DBS in Parkinson's Disease</i>
09:50 - 10:10	Ennapadam S Krishnamoorthy <i>Stimulating the Vagus Nerve – Healing Mind, Body and Soul</i>
10:10 - 10:30	Pettarusp Wadia <i>Managing Gait and Speech Issues After DBS in Parkinson's Disease</i>
10:30 - 10:40 Short Break	
10:40 - 11:10	Arjune Sen <i>Application of Neuromodulation in Managing Epilepsy</i>
11:10 - 11:30	Sandeep Vaishya <i>Implanted Vagus Nerve Stimulation in the Management of Neurological and Neuropsychiatric Disorders</i>
11:30 - 11:50	Mohit Bhatt <i>Supplementary Motor Area as a Target for Neuromodulation</i>
11:50 - 12:00 Tea Break	

THE NEUROMODULATION SOCIETY (TNS) CONGRESS 2025

7 September 2025

Parallel Session

Neurology	Neurosurgery	Pain
Coordinator: Arindam Ghosh		
12:00 - 12:15 Sanjay Pandey <i>The Indian Neuromodulation Registry: Need of the Hour</i>	12:00 - 12:15 Milind S Deogaonkar <i>DBS for Movement Disorders Other Than PD</i>	12:00 - 12:15 Gautam Das <i>Ways to Differentiate Between Different Types of Refractory Pain and Choosing the Right Option</i>
12:15 - 12:30 Shivam Om Mittal <i>Progression in Infusion Therapy in Movement Disorders</i>	12:15 - 12:30 Ravi Gopal Varma <i>DBS for PD - What Has Changed?</i>	12:15 - 12:30 Sunita Lawange <i>Targets and Mechanism of Neuromodulation for Pain Management</i>
12:30 - 12:45 Soaham Desai <i>Neuromodulation in Functional Movement Disorders: Rewiring the Disconnect</i>	12:30 - 12:45 Nirmala Shankar <i>Targeting for DBS of Movement Disorders</i>	12:30 - 12:45 Raj Arora <i>Sacral Nerve Stimulation - Application in Clinical Practice</i>
12: 45 - 12:55 Q & A	12: 45 - 12:55 Q & A	12: 45 - 12:55 Q & A
<p>12:55 - 14:00</p> <p>Challenging Cases in Neurology (Related to Neuromodulation)</p> <p>Experts: Sanjay Pandey Charulata Sankhla</p> <p>Coordinator: Adreesh Mukherjee</p> <p>Presenters:</p> <ul style="list-style-type: none"> • Vaibhav Mathur • Kanchana Pillai • Sneha Kamath • Shivani Rath • Hema Krishna P • Narendra Barad 		
14:00 - Conclusion of TNS CONGRESS 2025 with Valedictory Function and Lunch		

