

SCIENTIFIC PROGRAM

Day 2 (12th Nov 2022)

KEYNOTE SESSION

	Moderators: Paresh Doshi/Preeti Doshi	
08:30 - 09:00	Cortical Stimulation for Motor Recovery	Robert Levy
09:00 - 09:30	Evolution of Neuromodulation in the next decade: As I see	Konstantin Slavin
09:30 - 10:10	Delivering neuromodulation in an Emerging Economy	Marc Russo
10:00-10:30	Coffee Break and Poster Viewing	

Hall A

TRACK - PAIN

	Moderators: Sarah Love Jones /Lawrence Poree Session Coordinators: Rajkumar Arora/Sidharth Verma	
10:30 - 10:50	Basics of neuromodulation	Jeffrey Arle
10:50 - 11:10	Assessment and objective documentation of Neuropathic Pain with role of Neuromodulation in its management	Arun Bhaskar
11:10 - 11:30	Indications and selection of Device: SCS or ITDD	Salim Hayek
11:30 - 11:50	Elucidating mechanism of actions of SCS with intraoperative neuromonitoring	Steven Falowski
11:50 - 12:10	New comprehensive theory for the mechanism of action of SCS	Jeffrey Arle
12:10 - 12:30	Determining the therapeutic window for SCS	Lawrence Poree
12:30 - 12:50	Current evidence on SCS and its long-term value	Sam Eldabe
12:50 - 13:10	Can we use imaging and bio-markers to understand and predict outcomes of spinal cord stimulation?	Anuj Bhatia
13:10 - 14:00	Lunch Break	
14:00 - 15:00	Medtronic Lunch Symposium	

TRACK - PAIN

	Moderators: Kavita Poply/Alif Rahman Session Coordinators: Aanchal Sharma/ Dr Anamul Haque Milton	
15:00 - 15:20	Role of Botulinum Toxin in chronic refractory pain syndromes	Hemant Kalia
15:20 - 15:40	How to start a practice in neuromodulation and select the right device?	Timothy Deer
15:40 - 16:00	How to prevent and manage infections in the practice of Neuromodulation	Preeti Doshi
16:00 - 16:20	How to use Neuromodulation effectively for Visceral pain	Mayank Gupta
16:20 - 16:40	Selection of patients and Technique of Neuromodulation for Cardiac Diseases	Mike Dejongste
16:40 - 17:00	Mechanisms and clinical outcomes of electrical neuromodulation for cardiovascular diseases	Mike Dejongste
17:00 - 17:20	Spinal Cord Stimulation for painful diabetic neuropathy	Sarah Love Jones
17:20 - 17:40	Education and Training : The need and the answer	Vivek Mehta
19:30 onwards	Dinner & Cultural Program	

Hall B

TRACK - NEUROLOGY/NEUROSURGERY

	Moderators: Niraj Kumar/Hrishikesh Kumar	
10:30 - 10:50	My experience with Directional Leads	Alfonso Fasano
10:50 - 11:10	Closed loop DBS- What is the value add?	Andrea Kuhn
11:10 - 11:30	Neuromodulation of the wall of an abnormal brain cavity	Bart Nuttin
11:30 - 12:10	Early Stim Debate - Should All Patients be offered early surgery? (4-7 years)	For: Jens Volkmann Against: Elena Moro
12:10 - 12:30	Selection of patients for PD and Tremor Surgery	Hrishikesh Kumar
12:30 - 12:50	Tremor connundrum resolved	Kailash Bhatia
12:50 - 13:10	Deep Brain Stimulation: Potential for Neuroprotection	Suneil Kalia
13:10 - 14:00	Lunch Break	
14:00 - 15:00	Medtronic Lunch Symposium	

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TRACK - NEUROSURGERY		
	Moderators: Stephan Chabardes/Aditya Gupta	
15:00 - 15:20	Molecular Neuromodulation - an update and the path forward	Suneil Kalia
15:20 - 15:40	Laser ablation of epileptogenic lesions	Ido Strauss
15:40 - 16:00	Directional lead a boon or a curse	Stephan Chabardes
16:00 - 16:20	Neuromodulation for epilepsy VNS to DBS	Aditya Gupta
16:20 - 16:40	MRGFUS guided pallidotomy for Parkinson's disease	Jin Woo Chang
16:40 - 17:00	Brain computer interface	Parag Patil
17:00 - 17:20	Role of DTI in DBS and MRGFUS targeting	Mojgan Hodaie
	Free Paper	
17:20 - 17:25	Real-World Outcomes Using a Novel Directional Lead from a Multicenter DBS Registry for Parkinson's Disease	Jan Vesper
17:26 - 17:31	Connectivity Indicates Behavioral Effects after Subthalamic Nucleus Deep Brain Stimulation in Parkinson's Disease	Nitish Agrawal
17:32 - 17:37	Long-Term Motor Function and Quality of Life Outcomes from a Prospective, International DBS Registry	Jan Vesper
19:30 onwards	Dinner & Cultural Program	
HALL C		
TRACK - PSYCHIATRY		
	Moderators: Bart Nuttin/Donel Martin	
10:30 - 10:50	Treatment resistance in Psychiatry: Implications for Neuromodulation	Suhas Satish
10:50 - 11:10	Electrode placement and cognitive side effects with ECT: Insights from computational modelling	Donel Martin
11:10 - 11:30	Re-emergence of transcranial electrical stimulation in schizophrenia	Subh Mohan Singh
11:30 - 11:50	Is there a role for patterned rTMS in psychiatric disorders?	Nishant Goyal
11:50 - 12:10	How far have we reached in accepting DBS for Neuropsychiatric disorders	Bart Nuttin
12:10 - 12:30	Targeting negative symptoms of schizophrenia with rTMS	Nand Kumar
12:30 - 12:50	Exploring social cognition with TMS	Urvakhsh Mehta
12:50 - 13:10	Discussion	
13:10 - 14:00	Lunch Break	
14:00 - 15:00	Medtronic Lunch Symposium	
TRACK - NEUROLOGY/PSYCHIATRY		
	Moderators: Perminder Sachdev/Jan Vesper	
15:00 - 15:20	Quality of life tools as outcome predictor after DBS surgery	Jan Vesper
15:20 - 15:40	Deep Brain Stimulation for Tourette Syndrome/ DBS in PTSD	Dwarakanath Srinivas
15:40 - 16:00	Modulating the neural circuitry of OCD with tDCS	Shalini Naik
16:00 - 16:20	Neuromodulation in the context of MHCA 2017	Venugopal Jhanwar
16:20 - 16:40	NIBS for special populations in Psychiatrist	Umesh Shreekantiah
16:40 - 17:00	Deep Brain stimulation for Neuropsychiatric disorders - Australian experience	Perminder Sachdev
17:00 - 17:20	Non invasive neuromodulation for movement disorders	Nitish Kamble
	Free paper	
17:20-17:25	Investigating the efficacy of dual stimulation of tDCS and rTMS neuro-modulation	Kaviraja Udupa
17:26- 17:31	Intraoperative local field potential as a biomarker for the identification of effective subthalamic nucleus sub-region for motor improvement in Parkinson disease	Sonali Vasnik
19:30 onwards	Dinner & Cultural Program	

Day 3 - (13th Nov 2022)

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KEYNOTE SESSION		
Moderator: Sanjay Pandey/Sandeep Vaishya		
09:00 - 09:30	Using computational modelling to develop effective Neuromodulation protocols for Parkinson's Disease	V. Srinivasa Chakravarthy
09:30 - 10:30	Coffee Break and Poster Viewing	
Hall A		
TRACK - NEUROSURGERY/NEUROLOGY		
Moderators: Sanjay Pandey/Basant Pant		
10:30 - 10:50	Dystonia conundrum - Surgical perspectives	Kailash Bhatia
10:50 - 11:10	Surgery for Dystonia - Case Selection	Andrea Kuhn
11:10 - 11:30	DBS for Tardive dystonia/Focal dystonia/Huntington's disease	Jan Vesper
11:30 - 11:50	Does Lesional Surgery have a role in modern day functional Neurosurgery?	Paresh Doshi
11:50 - 12:10	Evolving role of MRGFUS in Functional Neurosurgery	Jin Woo Chang
12:10 - 12:30	Midbrain Periaqueductal gray control of autonomic dyreflexia accompanying both movement and psychiatric disorders and their therapeutic opportunities for neuromodulation	Hari Subramanian
12:30 - 12:50	What went wrong with the SCCG trial for depression and the way forwards	Konstantin Slavin
12:50 - 13:10	Discussion	
13:10 - 14:00	Lunch Break	
14:00 - 14:30	TNS GBM (Only for TNS members)	
TRACK - PAIN		
Moderators: Marc Russo/Amit Chakrabarty Session Coordinator: Sunita Lawange/Asha Barge		
14:30 - 14:50	Chronic refractory pelvic pain - Which is the best NM modality	Krishnan Chakravarthy
14:50 - 15:10	New Indications for Sacral Nerve Stimulation: Overactive Bladder and Bowel Incontinence (Urology)	Amit Chakrabarty
15:10 - 15:30	Future of SCS and waveforms	Marc Russo
15:30 - 15:50	DRG Spinal Cord Stimulation - Technique and Outcomes	Lawrence Poree
15:50 - 16:10	Evoked Synaptic Excitatory Potentials (ESAPs): Origins and implications for Spinal Cord Stimulation	Marom Bikson
16:10 - 16:30	PACC guidelines for drugs used in Intrathecal drug delivery systems	Salim Hayek
16:30 - 16:50	Indian experience of Sacral nerve stimulation	Shailesh Raina
16:50 - 17:10	Announcement of Free paper and E-poster Awards	
Hall B		
TRACK - PAIN		
Moderators: Sudhir Diwan/Damian Laba Session Coordinators: Dhruv Bibra, Swaty Bhat		
10:30 - 10:50	"ECAP controlled closed loop SCS" - Simplified	Robert Levy
10:50 - 11:10	Neuromodulation for Chronic refractory Headaches	Ashish Gulve
11:10 - 11:30	Neuromodulation for virgin back patients - evidence and future	Vivek Mehta
11:30 - 11:50	Role of paraesthesia - free stimulation modalities in chronic pain "Compare HFS and Burst"	Ann-Katrin Fritz
11:50 - 12:10	Tailoring intrathecal therapy to match your patient's needs and systematic troubleshooting	Sudhir Diwan
Free Paper		
12:10 - 12:15	A novel sub-perception spinal cord stimulation therapy enabling clinically significant pain relief and fast onset	Clark S Metzger
12:16 - 12:21	One-Year Outcomes of an SCS System Capable of Multiple Neurostimulation Modalities: A Randomized Controlled Trial	Mark Wallace
12:22 - 12:27	6-month prospective study outcomes of a DTM™ SCS therapy derivative	Francesco Riillo

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12:28 - 12:33	Bilateral splanchnic nerves radiofrequency ablation for chronic abdominal pain due to chronic pancreatitis - Prospective observational study	Samir Basak
12:34 - 12:39	Sacral nerve stimulation for bladder dysfunction and pain-our experience	Preeti Doshi
12:40 - 12:45	Retrograde implantation of paddle lead Spinal cord stimulator implantation at C1-C2: technique and outcome analysis	Tanmoy Kumar Maiti
12:46 - 12:51	Stellate Ganglion Block for Non-Chronic Pain Conditions	Raj Kumar
12:52 - 12:57	Noninvasive pain treatment by shockwave neuromodulation	Pavel Novak
13:10 - 14:00	Lunch Break	
14:00 - 14:30	TNS GBM (Only for TNS members)	
TRACK- NEUROSURGERY/NEUROLOGY		
	Moderators: Anandh Balasubramaniam/Rajshree Deopujari	
14:30 - 14:50	DBS: Awake or Asleep?	Anandh Balasubramaniam
14:50 - 15:10	Imaging the STN and GPI	Raghuram G
15:10 - 15:30	DBS programming for Neurosurgeon	Manish Baldia
15:30 - 15:50	Setting up of a functional neurosurgery program	Sandeep Vaishya
15:50 - 16:10	Vagal Nerve Stimulation for Epilepsy- a review and Indian experience	Nilesh Kurwale
	Free Paper	
16:10 - 16:15	Awake Versus Asleep Subthalamic Nucleus Deep Brain Stimulation in Parkinson's Disease: Comparison of Normalised Target Accuracy and Clinical Outcomes	Nitish Agarwal
16:16 - 16:21	A Study of the Outcome following Intraoperative Neurophysiological monitoring in Neurosurgical procedures and its clinical correlation	Mayank A. Vekariya
16:22 - 16:27	Hypofractionated gamma knife radiosurgery for intracranial pathologies: single center prospective analysis of feasibility, safety, efficacy, and complication profile	Manjul Tripathi
16:28 - 16:33	Stereotactic Ablation Procedures for Parkinson's Disease: A Multi-centric Egyptian Experience	Sameh Hamdi Abdelbari
16:34 - 16:39	Investigation of neural changes in the wall of the abnormal brain cavity in rats	Ugur Kilic
16:40 - 16:45	To study the safety and efficacy of surgical treatment of dystonia	Basant Pant
16:50 - 16:55	Changes in optimal stimulation frequency with time for gait disturbances in patients with PD after STN DBS a longitudinal study	Sruthi Kola
16:56 - 17:01	A retrospective analysis of drug therapy modifications following STN DBS: A 3-year follow-up study from Western India	Bhushan Mishal
17:02 - 17:07	Magnetized nanoparticles and electromagnetic stimulation: a new ray of hope in spinal cord injury	Suman Jain
17:08 - 17:13	A study of phenotypic spectrum and severity assessment of 29 patients of genetically proven Spinocerebellar Ataxia-12	Vaibhav Mathur
17:14 - 17:19	Neuronal instability as a biomarker of e-SoZ for the electroencephalograph	Venkateshwarla R Rama Raju