

Canadian Neuromodulation Society Annual Scientific Meeting

Poster List

Selected Poster Presentations

1. Novel simultaneous stimulation and neurophysiologic recording in combined STN and VC/VS DBS for OCD identifies diurnal variation and possible biomarkers of disease severity
2. The root of the problem : What does spinal cord stimulation really stimulate?

Friday Morning (0930 – 1000)

3. 48 Month Follow-up of Deep Brain Stimulation of Patient in Minimally Conscious State
4. A case of the beeping pump versus a magnetic money clip. Coincidence or not?
5. A Novel Care Directive for Nurses in Spinal Cord Stimulation
6. Asleep Placement of VIM DBS with Intraoperative Speech Mapping
7. On the Spectral Effects of Pharmacological Paralysis on STN Recordings
8. Beyond the Pain Score: The Journey to Peripheral Nerve Field Stimulation for Refractory Facial Pain
9. Clinical Outcomes Following Radiofrequency Ablation with an Expanded-Lesion Cannula: A Multicenter Real-World Analysis of Chronic Pain Patients
10. Comparative High-Cycle Flex Durability of a 16-Contact Coiled Spinal Cord Stimulation Lead
11. DBS-induced Blood Brain Barrier Dysfunction: A Dynamic Contrast Enhanced MRI Pilot Study
12. Debuzzing the Market: Classifying the Claims of Direct-To-Consumer Non-Invasive Neuromodulation Devices
13. Deep Brain Stimulation for Drug-Resistant Epilepsy: a Retrospective Clinical Cohort
14. Deep Brain Stimulation for Familial Cortical Myoclonus
15. Did it feel the same? - Predominant Stimulation Mode and One-Year Outcomes with Spinal Cord Stimulation for Upper versus Lower Limb neuropathic pain
16. Direct targeting of the caudal zona incerta for deep brain stimulation: comparative study at 7 Tesla versus standard magnetic field strength

Saturday Morning (1020 – 1040)

17. Durable Real-World Outcomes with Fast-Acting Sub-Perception SCS in PSPS: Multinational Experience from Europe and the United States
18. Early Multicenter Clinical Experience with 16-Contact Percutaneous Leads and Multimodal Spinal Cord Stimulation for Chronic Pain
19. Efficacy of Fast-Acting Sub-perception Therapy Applied to the Dorsal Root Ganglia using Transforaminal Percutaneous Spinal Cord Stimulator Electrode Placement: A Case Report
20. Expanding Access Through Knowledge Translation: Feasibility of a Non-Urologist Provincial Sacral Nerve Stimulation Program for Fecal Incontinence

21. Evaluation of Closed Loop Spinal Cord Stimulation for Refractory Angina Pectoris: A Retrospective Single Centre Cohort Study
22. Examining the Success Rate of Dorsal Root Ganglion Stimulation Trials: Are They Necessary?
23. Feasibility of Markerless Motion Capture for Objective Assessment of Gait Changes during Deep Brain Stimulation Programming in Parkinson's Disease: A Case Series
24. Global Disparities in Neuromodulation Research: A Bibliometric Analysis
25. Is this even real: An audit of neurology clinical trials in the era of AI
26. MRI-Compatible Nucleus Caudalis Stimulation for Refractory Migraine in a Patient with Congenital Arteriovenous Malformation: A Case Report

Saturday Afternoon (1445 – 1515)

27. Neurocognitive Trajectories After STN-DBS for Parkinson Disease: A Comparison with the C-OPN Cohort
28. Open Surgical Paddle Lead Placement with Thoracic Lamina Bone Flap: A Case Report
29. Preparing for Spinal Cord Stimulation: A Qualitative Analysis of a Psychological Workbook from a Multidisciplinary Patient Education Workshop
30. Reassessment of Intrathecal Dosing Following Interruption of Therapy (RIDIT): A Case Series
31. Restoring Clinical Benefit Following Loss of Efficacy with Spinal Cord Stimulation Using Standardized Adapter Technologies
32. Spinal Cord Stimulation for Restless Legs Syndrome
33. Spinal Cord Stimulation: A Case Report on Managing Chemotherapy-induced Peripheral Neuropathy in a Parkinson's Disease Patient
34. The Burden of Caring: Nursing led Innovation-Caregiver Burden Questionnaire for Parkinson Disease
35. Two-Year Clinical Outcomes with Fast-Acting Sub-Perception Spinal Cord Stimulation Utilizing a Surround Inhibition Mechanism
36. Two-Year Outcomes of Multimodal Spinal Cord Stimulation in Patients with Non-Surgical Refractory Back Pain: Results from the SOLIS Randomized Trial
37. Validation of e-Health tool in determining appropriateness of spinal cord stimulation in patients with chronic pain conditions at a Canadian tertiary care centre: a retrospective study