

2014

CANADIAN NEUROMODULATION SOCIETY
SOCIÉTÉ CANADIENNE DE NEUROMODULATION



26-28 September/septembre, Lord Nelson Hotel, Halifax, Nova Scotia

CONFERENCE PROGRAM

Friday, September 26, 2014 | Vendredi, 26 septembre 2014

12:00-1:00 Pick up conference registration packages Admiral
Lord Nelson Hotel

Session I: Chaired by | Modérée par Dr. Chris Honey

1:00 Opening Remarks | Mot de bienvenue : Michel Prud'Homme
President, Canadian Neuromodulation Society | Président, Société
Canadienne de Neuromodulation Admiral

1:10 In Memory of Dr. Kris Kumar
Line Jacques, M.D.
Assistant professor of neurosurgery, McGill University, Montreal,
Quebec Admiral

1:30 **The Kumar Lecture:**
DBS for pain: modulating the sensory and affective components of
pain.
Tipu Aziz, M.D., Professor of Neurosurgery, John Radcliffe
Hospital, University of Oxford, Oxford, UK. Admiral

2:30 **Break with Exhibitors | Pause avec les exposants** Regency Ballroom

2:40 Application of ultrasound in peripheral nerve stimulator insertion
Philip Peng, M.D., MBBS, FRCPC, Professor of Anesthesia,
Toronto Western Hospital, Toronto, Ontario Admiral

3:40 "Canadian Painful Truth" Survey Results
Michel Prudhomme, CNS president Admiral

4:10 Poster Viewing and Break with Exhibitors

Admiral

6:30 Welcome Reception | Soirée de bienvenue

Georgian Room

Saturday, September 27, 2014 | Samedi, 27 septembre 2014

7:45 Breakfast | Petit Dejeuner

Regency

Session II: Chaired by | Modérée par Dr. Michel Prud'Homme

8:30 Open papers | Présentations orales

Imperial Ballroom

- #1) Satisfaction with Sacral neuromodulation therapy in voiding dysfunction patients, factors affecting therapy satisfaction: survey of a single centre. Mai Banakhar, M.D., Magdy Hassouna, M.D., PhD, FRCSC; Faculty of Urology, University of Toronto, Toronto, Ontario, Canada
- #2) Electrogastrogram Predicts Response to Neuromodulation.
Richard Whitlock, Evan Sanford, Samantha Seals, Drew Smith, Charulochana Subramony, Thomas Abell, Christopher Lahr. Affiliations: University of Mississippi Medical Center, Department of Surgery, Department of Pathology, Center for Biostatistics and Bioinformatics, School of Medicine, University of Louisville Department of Medicine, Louisville, Kentucky, USA
- #3) What is Success? A Two Year Follow up of Pain Relief and Quality of Life. Ingrid Fedoroff, Ph.D., Louise Malysh RN, MSN, Bill. McDonald MD, FRCPC: Complex Pain Centre, St. Paul's Hospital, Vancouver British Columbia, Canada
- #4) Long-term effects of spinal cord stimulation in patients with painful diabetic neuropathy. Cecile C. de Vos ^{1,2}, Mathieu WPM Lenders ¹ Department of Neurosurgery, Medisch Spectrum Twente, the Netherlands ¹, MIRA institute for Biomedical Technology, University of Twente, the Netherlands ²
- #5) Defining the Prevalence of Unidentified Psychological Comorbidity in a Referral Population for Spinal Cord Stimulation Jessica Rodriguez BS, Faculty of Medicine, University of Toronto; Alina Shcharinsky RN(EC), MN, CNN(C), Division of Neurosurgery, Toronto Western Hospital; Mohammed F. Shamji MD, PhD, FRCSC, Division of Neurosurgery, Toronto Western Hospital, Department of Surgery, University of Toronto, Toronto, Ontario, Canada

#6) The predictive value of the pre-operative MoCA dementia scale on outcome of STN DBS for Parkinson's disease. Mini Sandhu, Nancy Polyhronopoulos, Philip Slotty, Chris Honey, MD; Division of Neurosurgery, Department of Surgery, Vancouver General Hospital, Vancouver, British Columbia, Canada

10:00	Break with Exhibitors Pause avec les exposants	Regency Ballroom
10:15	Spinal Cord Stimulation - Innovations in Technology, Technique, and Indications. Mo Shamji, M.D., MSc, PhD, FRCSC. Assistant Professor of Surgery (Neurosurgery), University of Toronto, Toronto, ON	Imperial Ballroom
11:15	Annual General Meeting of CNS Assemblée générale annuelle de la SCN	Imperial Ballroom
12:00	Lunch Déjeuner 12 :15- 12 :45 The future of DBS, Tipu Aziz, MD, PhD Professor of Neurosurgery, John Radcliffe Hospital, University of Oxford, Oxford, UK.	Regency Ballroom
	Session III: Chaired by Modérée Ian Beauprie and Magdy Hassouna	Imperial Ballroom
1:00	Neuromodulation for Headaches: To modulate or not to modulate?...that is the question. 1) The neuromodulator's point of view. Andy Parrent, MD, FRCSC, Assistant Professor of Neurosurgery, Western University, London, Ontario 2) The headache physician's point of view. Alan Purdy, MD, FRCSC, Professor of Medicine (Neurology), Dalhousie University, Halifax, Nova Scotia	Imperial Ballroom
2:30	Break with Exhibitors Pause avec les exposants	Regency Ballroom
2:45	Neuromodulation in Urology: Current Status and the Future Roger Dmochowski, M.D., Professor, Vanderbilt University Medical Centre, Nashville, Tennessee.	Imperial Ballroom

Palliative pain management:

- 3:45** 1) The dying art of cordotomy in Canada.
Chris Honey, MD, Associate Professor of Neurosurgery,
University of British Columbia, Vancouver, British Columbia
- 2) Neuromodulation in the cancer population.
Bill McDonald, MD, St Paul's Hospital, Vancouver, British
Columbia
- 3) Targeted neurolysis in palliative care-a brief review.
Alan Berkman, BSc Hons, MB ChB, DA, FRCPC, Nanaimo Pain
Program, Nanaimo, British Columbia

Imperial Ballroom

6:30 Dinner | Souper

Waterfront Warehouse
1549 Lower Water St

Sunday, September 28, 2014 | Dimanche 28 septembre 2014

7:45 Breakfast | Petit Dejeuner

Regency

Session IV: Chaired by | Modérée par Louise Malysh and Donna Gramigna

Breakfast with Platinum Sponsor Presentations | Petit-déjeuner avec présentations les
commanditaires Platine

- 8:00 8:00-8:30 Boston Scientific:** Advanced Control of Electric Fields: Clinical Outcomes of the
Precision Spectra SCS System. Brad Hershey, Principal Research Scientist,
Neuromodulation Research and Advanced Concepts Group
- 8:30-9:00 Medtronic:** Advancements in technology. Jeffery Dahn, PhD, FRSC; Jeff Dahn
Research Group Dalhousie University, Halifax, Nova Scotia

**Session V: Chaired by | Modérée par Dr. Andy Parrent and Dr.
Bill McDonald**

Imperial Ballroom

The Tasker Lecture:

- 9:00** Spinal cord stimulation: what do we really know about the mechanism
of action?
- Rob Brownstone, MD, PhD, FRCSC, Professor Departments of
Surgery and Medical Neuroscience, Dalhousie University,
Halifax, Nova Scotia

Imperial Ballroom

10:00 Break with Exhibitors | pause avec les exposants

Regency Ballroom

The Management of Spasticity:

- 10:15** 1) Spasticity: from textbooks to science.
Rob Brownstone, MD, PhD, FRCSC, Professor Departments of Surgery and Medical Neuroscience, Dalhousie University, Halifax, Nova Scotia Imperial Ballroom
- 2) Spasticity Management and the role of intrathecal baclofen.
Christine Short, MD, Associate Professor and Head Division of Physiatry and Rehabilitation, Dalhousie University, Halifax, Nova Scotia

- 11:45** "In that day the deaf shall hear..."
The improbable and evolving story of cochlear implantation.
David Morris, MD, Department of Anatomy & Neurobiology, Dalhousie University, Division of Otolaryngology, Queen Elizabeth II Health Sciences Centre, Halifax, Nova Scotia Imperial Ballroom

- 12 :30** Awards for best oral and poster presentations | **Prix pour les meilleures présentations orales et par affiche** Imperial Ballroom
Concluding Remarks | **Mot de clôture**
Meeting Adjourned | **Fin du congrès**



*As an accredited provider, Dalhousie University, CME, designates this continuing medical education activity for up to **14.25** credit hours as an accredited group learning Section 1 activity as defined by the Maintenance of Certification Program of the Royal College of*

Physicians and Surgeons of Canada. In keeping with CMA guidelines, program content and selection of speakers are the responsibility of the planning committee. Support is directed toward the costs of the course and not to individual speakers.

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