



NEUROLOGY FOR NON-NEUROLOGISTS

Friday, December 1, 2017

The Ottawa Hospital Civic Campus Amphitheatre

Program Book

EVALUATION

Your feedback is important to us! It directly impacts the planning and overall success of the events planned by the Office of Continuing Professional Development.

Speaker and Session Feedback:

Visit www.menti.com and enter the “Menti Code” found beside each session in the program. For the plenary (large group) sessions, this code will also allow you to submit questions to the presenter.

Overall Conference Evaluation:

Please take a moment to complete the overall conference evaluation at the end of the day:

<https://www.surveymonkey.com/r/NFNN2017>

Thank you for your feedback!

COURSE PRESENTATIONS

To access the presentations for the course, please log into your profile:

<https://eventscpd.med.uottawa.ca>

Once you are logged in, click on the **History** tab. Select Neurology for Non-Neurologists.

Scroll down to **Program Schedule** and click on the date to view the presentations for that day.

Presentations will be uploaded as we receive them, provided the presenter has granted us permission to do so.

OVERALL LEARNING OBJECTIVES

By the end of this program, participants will be able to manage common neurological conditions based on evidence and practical considerations.

ACCREDITATION

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification Program of the **Royal College of Physicians and Surgeons of Canada**, and approved by the University of Ottawa’s Office of Continuing Professional Development. You may claim a maximum of **6.25 hours** (credits are automatically calculated).

This Group Learning program meets the certification criteria of the **College of Family Physicians of Canada** and has been certified by the University of Ottawa’s Office of Continuing Professional Development for up to **6.25 Mainpro+ credits**.

The link to access your certificate of attendance will be emailed to you within two weeks of the activity. Please retain this certificate for your records.

PLANNING COMMITTEE

Special thanks to the following committee members who participated in the planning of this event:

Dr. Jocelyn Zwicker, Co-chair

Dr. Heather Lochnan, Co-chair

Dr. Pierre Bourque

Dr. Judy Chow

Dr. Daniel Lelli

Dr. Oliver Ngan

PROGRAM AT A GLANCE

07:30	Registration & Networking Breakfast	Foyer
08:00	Welcome Remarks & Introductory Comments <i>Presenters: Dr. Jocelyn Zwicker & Dr. Heather Lochnan</i>	Amphitheatre Menti Code: 10 58 00
08:15	Plenary Sessions	Amphitheatre
08:15	Cannabinoids in Neurology <i>Presenter: Dr. Taylor Lougheed</i> By the end of this session, participants will be able to: <ul style="list-style-type: none"> • Give an overview of the current state of evidence for cannabinoid use in neurologic conditions including multiple sclerosis, central pain, epilepsy, headache, and movement disorders; • Describe the potential drug interactions and safety profile of various cannabinoid preparations; • Determine which neurologic patients may benefit from cannabinoids. 	Amphitheatre Menti Code: 57 20 77
09:00	Low Back Pain / Radiculopathy <i>Presenter: Dr. Jocelyn Zwicker</i> By the end of this session, participants will be able to: <ul style="list-style-type: none"> • Classify back pain according to etiology; • Determine when to arrange for MRI, surgical referral or EMG studies; • Select treatments for low back pain. 	Amphitheatre Menti Code: 61 27 55
09:45	Refreshment Break & Networking with Exhibitors	Foyer
10:00	Plenary Sessions (continued)	Amphitheatre
10:00	Pediatric Neurology: Tics, Headaches and Seizures <i>Presenter: Dr. Asif Doja</i> By the end of this session, participants will be able to: <ul style="list-style-type: none"> • Determine when further investigations and treatments are required in a child presenting with tics or other abnormal movements; • Determine which pediatric patients require further workup for their headaches; • Diagnose and treat common primary headache disorders in children; • Provide an overview of treatment approaches to a child with seizure(s). 	Amphitheatre Menti Code: 77 82 41
10:45	Update on Multiple Sclerosis <i>Presenter: Dr. Heather MacLean</i> By the end of this session, participants will be able to: <ul style="list-style-type: none"> • Apply the diagnostic criteria for multiple sclerosis; • Interpret the significance of imaging findings in multiple sclerosis; • Discuss treatment options for multiple sclerosis including stem cell therapy. 	Amphitheatre Menti Code: 54 14 74
11:30	Transition	
11:35	Workshops (Round 1) Please select one:	
W1	Parkinson's Exam <i>Presenter: Dr. Tiago Mestre</i> By the end of this session, participants will be able to: <ul style="list-style-type: none"> • Identify early signs and symptoms of Parkinson's disease; • Recognize and manage the associated complications of Parkinson's. 	Tulip 1 Room Menti Code: 56 84 41
W2	Epilepsy <i>Presenter: Dr. Tadeu Fantaneanu</i> By the end of this session, participants will be able to: <ul style="list-style-type: none"> • Order appropriate bloodwork for patients on antiepileptic medication; • Apply principles for starting and stopping anti-convulsant medications; • Apply principles for antiepileptic treatment in pregnancy. 	Bickell Room Menti Code: 92 08 44
W3	Stroke <i>Presenter: Dr. Grant Stotts</i> By the end of this session, participants will be able to: <ul style="list-style-type: none"> • Identify the signs and symptoms of stroke; • Recognize high risk TIA presentations; • Decide where and how urgently to refer stroke/TIA patients; • Select therapy for secondary prevention of stroke. 	Tulip 3 Room Menti Code: 57 70 1

PROGRAM AT A GLANCE

W4	<p>Concussion <i>Presenter: Dr. Shawn Marshall</i> By the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> Examine the patient with mild traumatic brain injury/concussion; Determine when imaging may be indicated; Implement current management guidelines and develop a plan for return to activities. 	<p>Amphitheatre Menti Code: 59 29 7</p>
W5	<p>Office Neurology Exam <i>Presenter: Dr. Elizabeth Pringle</i> By the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> Illustrate practical manoeuvres in the office for a useful focused neurologic examination; Demonstrate tips and tricks on physical examination that provide the most yield for common neurologic complaints. 	<p>Kaminski Room Menti Code: 28 84 51</p>
12:30	Networking Lunch	Foyer
13:15	Workshops (Round 2) Please select one:	
W1	<p>Parkinson's Exam <i>Presenter: Dr. Tiago Mestre</i> By the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> Identify early signs and symptoms of Parkinson's disease; Recognize and manage the associated complications of Parkinson's. 	<p>Tulip 1 Room Menti Code: 56 84 41</p>
W2	<p>Epilepsy <i>Presenter: Dr. Tadeu Fantaneanu</i> By the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> Order appropriate bloodwork for patients on antiepileptic medication; Apply principles for starting and stopping anti-convulsant medications; Apply principles for antiepileptic treatment in pregnancy. 	<p>Bickell Room Menti Code: 92 08 44</p>
W3	<p>Stroke <i>Presenter: Dr. Grant Stotts</i> By the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> Identify the signs and symptoms of stroke; Recognize high risk TIA presentations; Decide where and how urgently to refer stroke/TIA patients; Select therapy for secondary prevention of stroke. 	<p>Tulip 3 Room Menti Code: 57 70 1</p>
W4	<p>Concussion <i>Presenter: Dr. Shawn Marshall</i> By the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> Examine the patient with mild traumatic brain injury/concussion; Determine when imaging may be indicated; Implement current management guidelines and develop a plan for return to activities. 	<p>Amphitheatre Menti Code: 59 29 7</p>
W5	<p>Office Neurology Exam <i>Presenter: Dr. Elizabeth Pringle</i> By the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> Illustrate practical manoeuvres in the office for a useful focused neurologic examination; Demonstrate tips and tricks on physical examination that provide the most yield for common neurologic complaints. 	<p>Kaminski Room Menti Code: 28 84 51</p>
14:10	Refreshment Break	Foyer
14:30	Short Snappers (20 minutes each)	
14:30	<p>Stroke <i>Presenter: Dr. Michel Shamy</i> By the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> Describe the benefits, risks and indications for endovascular therapy; Discuss recent developments in stroke care relevant to non-neurologists. 	<p>Amphitheatre Menti Code: 62 99 33</p>
14:50	<p>Benign Paroxysmal Positional Vertigo (BPPV) <i>Presenter: Dr. Daniel Lelli</i> By the end of this session, participants will be able to:</p> <ul style="list-style-type: none"> Diagnose and treat benign paroxysmal positional vertigo in the office 	<p>Amphitheatre Menti Code: 60 99 34</p>

PROGRAM AT A GLANCE

15:10	MRI vs CT: Which to Order When <i>Presenter: Dr. Mario Kontolemos</i> By the end of this session, participants will be able to: <ul style="list-style-type: none">Determine which patients require imaging of the brain and/or spinal cord and which imaging modality to use	Amphitheatre Menti Code: 14 22 22
15:30	Bell's Palsy <i>Presenter: Dr. Pierre Bourque</i> By the end of this session, participants will be able to: <ul style="list-style-type: none">Examine the patient with facial weakness;Formulate a differential diagnosis;Apply current treatment guidelines.	Amphitheatre Menti Code: 53 25 84
15:50	Evaluations & Adjournment <i>Presenters: Dr. Jocelyn Zwicker & Dr. Heather Lochnan</i>	Amphitheatre
16:00	<i>Conference Ends - See You Next Year!</i>	

SPEAKERS

Dr. Pierre Bourque, MD, Director of Clinical Neurophysiology, Associate Professor, Neurology, The Ottawa Hospital

Dr. Pierre Bourque, a native of Ottawa, interned in Montréal and spent a year in Cameroon, Africa in mission hospitals before starting specialty training. He graduated from the Neurology Residency program in Ottawa in 1989, subsequently completing a 2-year fellowship at the Mayo clinic as a researcher and clinical fellow in neuromuscular diseases, with Dr. P. J. Dyck. Dr. Bourque joined the Division of Neurology at the University of Ottawa in 1991, and has occupied the positions of Neuroscience Curriculum Chair, Residency Program Director and Division Chief. He is presently the Director of Clinical Neurophysiology at the Ottawa Hospital and maintains an active clinical practice as well as strong commitment to clinical undergraduate and postgraduate education and research. Pierre is married, with 3 children and 2 dogs. He claims many great sources of joy, in no particular order: family and friends, biking, interactions with patients, calling plants by their name, married life, reading history books, and making medical students laugh and learn.

Dr. Asif Doja, MD, FRCPC, Child Neurologist, Associate Professor, Children's Hospital of Eastern Ontario

Dr. Doja completed his medical degree at the University of Western Ontario followed by post-graduate training in pediatric neurology at the Hospital for Sick Children. He then completed a Master's in Education at the University of Toronto. He is an Associate Professor and Chief of the Division of Neurology at the Children's Hospital of Eastern Ontario, and is the director of the movement disorders clinic there. His research interests include pediatric movement disorders and medical education.

Dr. Tadeu Fantaneanu, MD, Neurologist, Epileptologist, Assistant Professor, University of Ottawa

Dr. Tadeu A. Fantaneanu, also known as Dr. Tad to his patients, is an Assistant Professor with the University of Ottawa and a Clinician Teacher and Associate Neurologist within the Department of Medicine. He completed his undergraduate medical education at McGill University (2009) and adult neurology residency at the University of Ottawa (2014). He subsequently completed fellowships in Clinical Neurophysiology (2015) and Advanced Epilepsy (2016) at the Brigham and Women's Hospital and Harvard Medical School in Boston, Massachusetts. During this time, he also completed the Program in Clinical Effectiveness through the Harvard T.H. Chan School of Public Health. Dr. Tad is working to establish a comprehensive epilepsy program in Ottawa, Ontario. His areas of interest include transitional care in epilepsy, critical care EEG monitoring, pharmacoresistant and surgical epilepsy, women's health in epilepsy as well as medical education.

Disclosure: Dr. Fantaneanu has received or will be receiving a grant or an honorarium from UCB and Eisai.

Dr. Mario Kontolemos, MD, FRCPC, MSc, Neuroradiologist, The Ottawa Hospital

Dr. Kontolemos completed his radiology training at McGill University in 2011 followed by a 2-year clinical fellowship in Diagnostic Neuroradiology at the University of Ottawa. He works as a neuro and head and neck radiologist at the Ottawa Hospital with a wide range of clinical interests and also shows a strong interest in postgraduate medical education. He is currently the Associate Program Director of the Diagnostic Radiology Residency Program here in Ottawa.

Dr. Daniel Lelli, MD, FRCPC, Physician/Neurologist, The Ottawa Hospital; Assistant Professor, University of Ottawa

Dr. Danny Lelli is an Assistant Professor in Medicine (Neurology) at the University of Ottawa. He completed an engineering degree (2000) and worked briefly in the field producing several patents and helping to teach undergraduate engineering courses. In 2005 he changed career paths and completed medical school (McMaster 2008), neurology residency (University of Ottawa 2013), and pursued a Neuro-Ophthalmology fellowship at the University of British Columbia until June 2014. He joined The Ottawa Hospital afterwards, with a clinical focus in neuro-ophthalmology, neuro-otology (co-founder of the TOH Multidisciplinary Dizziness clinic) and stroke (emphasis on vascular visual loss). Dr. Lelli has maintained a strong commitment to education throughout his early career, and is a graduate of the Healthcare Education Scholars Program at uOttawa. His research interests lie in neuro-otology and medical education.

Dr. Taylor Lougheed, MD, CCFP(EM), MSc(HQ), Family, Sports and Emergency Medicine Physician, Ottawa

Dr. Taylor Lougheed is a family, sports, and emergency medicine physician currently practicing primarily in the Ottawa area, and is the lead physician for the Cannabinoid Medical Clinic in Ottawa. Academically, he is a lecturer in the MSc(HQ) program at Queen's University, and a clinical lecturer at the University of Ottawa in the Department of Family Medicine where he also serves as the Co-Director of the uOttawa-Guyana Family Medicine Residency Training Program. His professional interests include primary care, quality improvement, medical education, and global health.

Dr. Heather MacLean, MD, Assistant Professor, Neurologist, The Ottawa Hospital

Dr. Heather MacLean is an assistant professor of Neurology, a clinician investigator with the OHRI and the Director of Pre-Clerkship at the University of Ottawa School of Medicine. She is a practicing neurologist with the majority of her time spent caring for patients with MS. *Continued on next page...*

Faculty Disclosures: *Unless otherwise indicated, the speakers listed above declared that they had no financial interests, arrangements and/or affiliations.*

SPEAKERS

She also has been heavily involved as a clinical investigator in many therapeutic trials ongoing at the Ottawa MS Clinic. Dr. MacLean holds an academic appointment as Assistant Professor of Medicine at the University of Ottawa and there has taken an active role in Undergraduate Medical Education both in teaching and in curriculum development. She is a University of Ottawa Distinguished Teacher, is the Director of Pre-Clerkship at the University of Ottawa School of Medicine and is passionate about medical education. She has spearheaded the development of a longitudinal Mindfulness Curriculum in UGME, has authored a book on mindfulness and is an investigator in several studies on mindfulness both within undergraduate medical education and in patients with MS.

Disclosure: Dr. MacLean has received or will be receiving a grant or an honorarium from Biogen, Teva, Genzyme, and Novartis. She is also currently participating (or has participated) in clinical trials for Biogen, Bayer, Genzyme, Novartis, Opexa, and Roch within the past two years.

Dr. Shawn Marshall, MD, MSc, PhD, FRCPC, Specialist in Physical Medicine and Rehabilitation, The Ottawa Hospital

Shawn Marshall is a specialist in Physical Medicine and Rehabilitation and Professor and Division Head of Physical Medicine and Rehabilitation at the University of Ottawa and The Ottawa Hospital. He is also Department Head of Physical Medicine and Rehabilitation at Bruyere. His clinical practice focuses on acquired brain injury rehabilitation where he is the Medical Director of the Acquired Brain Injury Rehabilitation Program at The Ottawa Hospital Rehabilitation Centre. Dr. Marshall manages in-patients as well as out-patient clinics for persons with moderate to severe traumatic brain injuries. He is also involved in assessment and treatment of persons with mild TBI/concussion and persisting symptoms. He has a Master's of Science Degree in Epidemiology and Community Health and is active in research involving brain injury rehabilitation as well as driving and disability.

Dr. Tiago Mestre, MD, Neurologist, The Ottawa Hospital

Dr. Tiago Mestre received his Doctorate in Medicine, completed a Master's in Neuroscience at the Faculty of Medicine of Lisbon in Portugal. He completed Neurology training in Portugal before coming to Canada for a Clinical Fellowship in Movement Disorders at the Movement Disorder Centre of the University of Toronto. During that time Dr. Mestre obtained a Master's in Clinical Epidemiology from the Institute of Health Policy, Management and Evaluation at the University of Toronto. Dr. Mestre is currently a physician with The Ottawa Hospital and a researcher with the Ottawa Hospital Research Institute and the uOttawa Brain and Mind Research Institute. He is leading the implementation of the Ottawa Hospital program for advanced treatment options in movement disorders including Deep Brain Stimulation and Duodopa, and the development of a novel integrated care delivery model for Parkinson's disease.

Disclosure: Dr. Mestre is a member of an advisory board or equivalent with Abbvie. He is participating (or has participated) in clinical trials with Abbvie, Sanofi, and BMS within the past two years.

Dr. Elizabeth Pringle, MD, FRCPC, Associate Professor, University of Ottawa

Dr. Pringle graduated from the University of Alberta in 1985. After a brief career in family medicine, she realized it was far too hard and so pursued training in Internal Medicine at the University of Calgary, followed by a Neurology residency at the University of Western Ontario. Dr. Pringle did fellowship training in MS at U.W.O. and Neuromuscular Disease in Boston. She joined the faculty at the University of Ottawa in 1994.

Dr. Michel Shamy, MD, FRCPC, Neurologist, The Ottawa Hospital; Assistant Professor, University of Ottawa

Michel Shamy is a Neurologist at The Ottawa Hospital and an Assistant Professor in the Departments of Medicine and Epidemiology at the University of Ottawa in Canada. He holds a BA in History from Yale University, an MD from Queen's University at Kingston, and an MA in the History & Philosophy of Science from the University of Calgary. He completed his clinical training in neurology at the University of Toronto, followed by fellowships in vascular neurology (UCSF) and stroke research (University of Calgary). Michel's research applies perspectives from history and philosophy to contemporary problems in clinical medicine. Recent areas of focus include acute stroke decision-making and clinical trial ethics.

Disclosure: Dr. Shamy is participating (or has participated) in clinical trials within the past two years.

Dr. Grant Stotts, MD, Staff Neurologist, The Ottawa Hospital

Dr. Stotts is the Medical Director for the Champlain Regional Stroke Network. He works regionally and at provincial/national levels in the implementation and improvement of acute stroke care. He also teaches stroke care at these levels for neurologists and non-neurologists.

Dr. Jocelyn Zwicker, MD, Assistant Professor, Neurology, The Ottawa Hospital

Dr. Zwicker graduated from medical school at the University of Toronto and completed residency in Neurology and a fellowship in Electrophysiology at the Cleveland Clinic Foundation. After completing her training she returned to her hometown, Ottawa. She has been a fulltime member of the Division of Neurology at the Ottawa Hospital since 2007 and is the divisional Director of Patient Quality and Safety. Her clinical focus is neuromuscular disorders.

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The Ottawa Hospital, Civic Campus

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Friday, February 9, 2018
The Ottawa Hospital, Civic Campus

National Capital Conference on Emergency Medicine

February 9-10, 2018
Château Laurier

2018 Hypertension & Chronic Kidney Disease Course

Friday, March 2, 2018
The Ottawa Hospital, Civic Campus

2018 Champlain Primary Care Congress

Wednesday, March 7, 2018
St. Elias Banquet Centre

67th Annual Refresher Course for Family Physicians

April 25-27, 2018
Ottawa Conference & Event Centre