

13th Annual Ottawa Neurosurgery Review Course Schedule
8th - 15th February, 2025
Course Location – The Marconi Centre , 1026 Baseline Road, Ottawa

Monday February 10th

07:20 – 08:00	Breakfast	
08:00 – 08:40	Imaging of Spine and Spinal Tumors <ul style="list-style-type: none"> • Review the key imaging features of common and infrequent intramedullary tumors. • Discuss the role of conventional and advanced imaging techniques in the diagnosis and management of these tumors • Assess the most common intradural – extramedullary tumors 	Dr. Vered Tsehmaister-Abitbul
08:40 – 09:20	Imaging of the Spine II - Neoplastic	Dr Nader Zakhari
09:20 – 09:30	Spine Imaging Spot diagnosis <ul style="list-style-type: none"> • Identify the imaging and pathological findings of common neurosurgical cases. 	Dr Nader Zakhari
09:40 – 10:20	Movement Disorders: Pathophysiology and Surgical Management with DBS <ul style="list-style-type: none"> • List the pathological and molecular differences between neurodegenerative diseases including movement disorders, motor neuron disorders and cognitive disorders • Explain the importance of non-motor features of Parkinson’s Disease and provide examples of each • Review the targets for neuromodulation (eg. DBS) in the basal ganglia for the treatment of movement disorders Describe the technical steps and surgical nuances of DBS 	Dr. Suneil Kalia
10:20 - 10:30	BREAK	
10:30 – 11:10	Classification and Management of lumbar Spondylolisthesis <ul style="list-style-type: none"> • Classification of lumbar spondylolisthesis in relation to treatment options and outcomes. • Decision making in the management of thoracolumbar injuries • Enumerate treatment options • Describe the elements of surgical treatment 	Dr Carlo Santaguida
11:10- 11:50	Vascular/Cranial Surgical Case Presentations	Dr. Max Findlay
11:50- 12:20	Lecture on exam preparation, the written exam, OSCE	Dr. Max Findlay
12:20 – 12:30	Resident Perspective – Exam Prep	Dr. Alick Wang
12:30-13:40	LUNCH with presentation by Medtronic	Rabih El Hage
13:40- 15:00	HOT SEAT SESSION <ul style="list-style-type: none"> • Describe and explain the diagnosis, investigation, and management of common neurosurgical cases 	Dr Carlo Santaguida/Dr. Max Findlay
15:00 –15:20	BREAK	
15:20 – 16:00	Subaxial Cervical Spine Injuries <ul style="list-style-type: none"> • Be able to accurately diagnose subaxial cervical spine injuries. • Recognize importance and use of different classification systems for subaxial cervical spine injuries • Select appropriate management options for subaxial cervical spine injuries 	Dr. Daipayan Guha

16:00 – 16:40	<p>O-C1-C2</p> <ul style="list-style-type: none"> • To be able to identify the various types of C1/C2 injuries and describe the management options for each type • Identify common pitfalls in the written and oral exams and how to avoid them, using clinical examples 	Dr. Eugene Wai
16:40 – 17:30	<p>Carotid Endarterectomy: What You Should Know</p> <ul style="list-style-type: none"> • To be able to list the clinical indications for extracranial carotid artery reconstruction. • Be able to discuss the importance of timing of carotid artery reconstruction • Be able to describe the current Canadian Guidelines regarding carotid artery reconstruction 	Dr. Howard J Lesiuk
17:30- 17:40	BREAK	
17:40 – 18:20	<p>Stereotactic Radiosurgery Primer for Neurosurgeons</p> <ul style="list-style-type: none"> • Define the concept of stereotactic radiosurgery • Explain basic radiobiology principles related to radiosurgery • Identify the role of radiosurgery in the management of common neurosurgical conditions: <ol style="list-style-type: none"> 1. brain metastases 2. meningiomas 3. vestibular schwannomas 4. AVMs 5. Trigeminal neuralgia 	Dr. Amit Persad



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