

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

## Monday February 10<sup>th</sup>

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

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