

## 14th Annual Ottawa Neurosurgery Review Course

Schedule March 26 – April 2, 2026

### Saturday March 28th

07:20 – 08:00	Breakfast	
08:00 – 08:40	<p><b>Pathology of Non-Glial Tumours of the CNS</b></p> <ul style="list-style-type: none"> <li>• Recognize the key macroscopical and histological features of the most frequent extra-axial tumor, peripheral nervous system tumors and pituitary tumors.</li> <li>• Identify the key morphological elements supporting the WHO classification and grading of the entities presented</li> </ul>	Dr. Gerard Jansen
08:40 – 09:20	<p><b>Pathology of Intrinsic Primary Tumours of the CNS</b></p> <ul style="list-style-type: none"> <li>• Discuss the new integrated diagnosis in use for Astrocytic and Oligodendroglial tumours.</li> </ul> <p>To be able to identify the role ATRX, and IDH mutation results play in classification of gliomas</p>	Dr. Gerard Jansen
09:20 – 09:30	<p><b>Pathology – Spot diagnosis</b></p> <ul style="list-style-type: none"> <li>• Identify the imaging and pathological findings of common neurosurgical cases.</li> </ul>	Dr. Gerard Jansen
09:40 – 10:20	<p><b>Movement Disorders: Pathophysiology and Surgical Management with DBS</b></p> <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> <p>Describe the technical steps and surgical nuances of DBS</p>	Dr. Alan Chalil
10:20 - 10:30	<b>BREAK</b>	
10:30 – 11:10	<p><b>Classification and Management of lumbar Spondylolisthesis</b></p> <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 Resident Perspective – Exam Prep</b>	Dr. Max Findlay
12:20 – 12:30		Dr. Anne-Sophie Parent
12:30-13:40	<b>LUNCH with presentation</b>	
13:40- 15:00	<p><b>HOT SEAT SESSION</b></p> <ul style="list-style-type: none"> <li>• Describe and explain the diagnosis, investigation, and management of common neurosurgical cases</li> </ul>	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
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16:00 – 16:40	<p><b>O-C1-C2</b></p> <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. Fawaz Siddiqi
16:40 – 17:30	<p><b>Spinal Cord Injury: Clinical considerations</b></p> <ul style="list-style-type: none"> <li>• Recall the cornerstones for the treatment of acute spinal cord injury</li> <li>• Explain the evidence behind therapeutic strategies for spinal cord injury</li> </ul> <p>Outline priorities of spinal cord injury in the emergency setting</p>	Dr. Fawaz Siddiqi
17:30- 17:40	<b>BREAK</b>	
17:40 – 18:20	<p><b>Stereotactic Radiosurgery Primer for Neurosurgeons</b></p> <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
	<p><b>Imaging of Spine and Spinal Tumors</b></p> <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> </ul> <p>Assess the most common intradural – extramedullary tumors</p>	Dr. Vered Tsehmaister-Abitbul