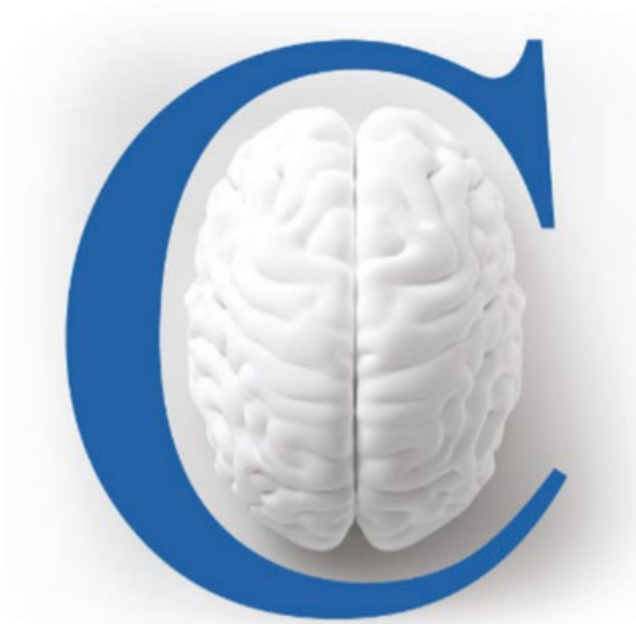


Monday January 29th

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	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	Functional Neurosurgery <ul style="list-style-type: none"> • Anatomy & Physiology of the Basal Ganglia, Limbic System and Cerebellum • To illustrate and draw anatomy of the limbic system including connections of hippocampal formation, Papez circuit, amygdala; and their role in memory, emotions & neurosurgery. 	Dr Zelma Kiss
11:10- 11:50	Neuromodulation for Pain At the end of the session, participants should be able to <ul style="list-style-type: none"> • Describe and draw the pain pathways, Discuss the role of surgery in pain modulation. • List the current available techniques for pain modulation including their indications and limitation. • Discuss the physiological basis for the common pain modulation techniques utilized by neurosurgery 	Dr. Alan Chalil
11:50- 12:30	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

12:30-13:40	LUNCH with Presentation by Integra (Glenda Palacios-Fuentes)	
13:40- 15:00	HOT SEAT SESSION	Dr. Allan Levi / Dr Carlo Santaguida
15:00 – 15:20	BREAK	
15:20 – 16:00	O-C1-C2 <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
16:00 – 16:40	A Screw at every Level of the Spine	Dr. Safraz Mohammed
16:40 – 17:30	Carotid Endarterectomy: What You Should Know <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	Craniopharyngiomas <ul style="list-style-type: none"> Be able to describe the embryology and epidemiology of craniopharyngioma. List the common symptoms and signs, and imaging features. List the surgical approaches and be able to describe the details of two (2) common approaches. Discuss the prognosis and outcome of this condition 	Dr. Fahad Alkherayf





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