

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

Sunday February 9th

07:20 – 08:00	Breakfast	
08:00 – 08:40	Pathology of Non-Glial Tumours of the CNS <ul style="list-style-type: none"> Recognize the key macroscopical and histological features of the most frequent extra-axial tumor, peripheral nervous system tumors and pituitary tumors. Identify the key morphological elements supporting the WHO classification and grading of the entities presented 	Dr. Gerard Jansen
08:40 – 09:20	Pathology of Intrinsic Primary Tumours of the CNS <ul style="list-style-type: none"> Discuss the new integrated diagnosis in use for Astrocytic and Oligodendroglial tumours. To be able to identify the role ATRX, and IDH mutation results play in classification of gliomas 	Dr. Gerard Jansen
09:20 – 09:30	Pathology – Spot diagnosis	Dr. Gerard Jansen
09:40 – 10:20	Surgery for Malignant Primary Brain Tumours <ul style="list-style-type: none"> Describe dynamics of glial tumour growths and infiltration, and the role of surgery in negating these phenomenon's To better define the role of surgery in assisting adjuvant treatment and impacting clinical surrogates in relation to molecular subtyping Identify the role and impact of technological advancements in assisting gross total resection, and their impact on clinical surrogates. 	Dr. David Fortin
10:20 -10:30	BREAK	
10:30 – 11:10	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
11:10- 11:50	Imaging Techniques for Intra-Axial Brain Tumours <ul style="list-style-type: none"> Review advanced imaging techniques for intra-axial tumours Brief primer on MRI sequences Recognize imaging patterns of CNS neoplasms and mimicking diseases Recognize the radiological features of radiation necrosis and tumor recurrence 	Dr. Thanh Nguyen
11:50- 12:20	Imaging Techniques for Extra-Axial Brain Tumours <ul style="list-style-type: none"> Review advanced imaging techniques for extra-axial tumours Be able to identify different extra-axial tumours on radiological images 	Dr. Thanh Nguyen
12:20-12:30	Imaging – Spot diagnosis cases	Dr. Thanh Nguyen
12:30-13:40	LUNCH	
13:40- 15:00	HOT SEAT SESSION	Dr. David Fortin/Dr. Joe Megyesi
15:00 –15:20	BREAK	
15:20 – 16:00	Case Presentations	Dr Paul Kongkham

16:00 – 16:40	<p>Management Options for Low Grade Gliomas: What's New?</p> <ul style="list-style-type: none"> • Be able to explain the pathology and basic molecular biology of low- grade gliomas and what distinguishes them from high grade gliomas. • Be able to describe the typical presentation of patients with low grade glioma. • Be able to interpret the neuro-imaging of patients with low grade glioma. • Be able to discuss the controversies surrounding the management of patients with a low- grade glioma including the early surgery approach versus the watchful waiting approach. 	Dr. Joe Megyesi
16:40 – 17:30	<p>Brain Metastases</p> <ul style="list-style-type: none"> • Enumerate the currently available treatment options for metastatic brain tumours • Discuss the relative advantages and disadvantages of each treatment option/combination • Discuss the available evidence supporting currently employed the treatment option • Discuss the current guidelines for treatment of these lesions 	Dr Paul Kongkham
17:40 – 18:20	<p>Spinal Cord and Peripheral Nerve Tumours</p> <ul style="list-style-type: none"> • Demonstrate competency in the classification, imaging characteristics, surgical extirpation and differential diagnosis of intramedullary spinal cord tumors • Demonstrate competency in the classification, imaging characteristics, surgical removal of peripheral nerve sheath tumors • Develop a standardized protocol for answering neurosurgical oral board questions 	Dr. Dr. Allan Levi