14th Annual Ottawa Neurosurgery Review Course
Schedule March 26 – April 2, 2026

Friday March 27th

07:20 – 08:00	Breakfast	
08:00 – 08:40	**Imaging Techniques for Intra-Axial Brain Tumours** • 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
08:40 – 09:20	**Imaging Techniques for Extra-Axial Brain Tumours** • Review advanced imaging techniques for extra-axial tumours • Be able to identify different extra-axial tumours on radiological images	Dr. Thanh Nguyen
09:20 – 09:30	**Imaging – Spot diagnosis cases** • Identify the imaging and pathological findings of common neurosurgical cases	Dr Thanh Nguyen
09:40 – 10:20	**Surgery for Malignant Primary Brain Tumours** • Describe dynamics of glial tumour growth 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** • 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	**CPA Tumours – Management** • Discuss different pathologies affecting CPA area • Outline surgical management of different CPA tumours	Dr Luke Hnenny
11:50- 12:30	**When to Consider** • Orbitozygomatic Approach • Subtemporal Approach • Anterior and Posterior Petrosectomy Approach • Anterior Clinoidectomy Approach	Dr Jessica Rabski
12:30-13:40	**LUNCH**	
13:40- 14:20	**Case Presentations** • Describe and explain the diagnosis, investigations, and management of common skull base cases	Dr. Luke Hnenny/Dr. Jessica Rabski

14:20 -14:40	**BREAK**	

1440 – 15:20	**Management Options for Low Grade Gliomas: What's New?** • 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
15:20 – 16:00	**Brain Metastases** • 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
16:00 – 17:40	**HOT SEAT SESSIONS** • Describe & explain the diagnosis, investigation, and management of common neurosurgical cases	Dr, David Fortin/Dr. Joe Megyesi
17:40 – 18:20	**Neuroanesthesia** • Be able to decide the technique of anaesthesia for brain mapping procedures and those requiring intraoperative neurophysiological monitoring. • Be able to discuss the options available for postoperative pain management. List the common anaesthetic agents utilized in neurosurgery and their indications and relative merits	Dr. Adele Budiansky