

14th Annual Ottawa Neurosurgery Review Course

Schedule March 26 – April 2, 2026

Tuesday March 31st

07:20 – 08:00	Breakfast	
08:00 – 08:40	Spinal Biomechanics, Decision Making and surgical Options in Degenerative Spine Disease <ul style="list-style-type: none"> • Define the concept of spinal stability and sagittal balance • Describe “pelvic parameters” in clinical practice • Describe surgical techniques for correcting deformity 	Dr. Sean Christie
08:50 – 09:30	Cervical Spondylosis: Diagnosis and Management <ul style="list-style-type: none"> • Define cervical spondylotic myelopathy, including anatomical changes and pathophysiology • Describe the indications for surgery • Describe surgical options and provide relative indications for each 	Dr Sean Christie
09:40 – 10:20	Surgery for Epilepsy: What You Should Know <ul style="list-style-type: none"> • Explain indications for the surgical treatment of epilepsy • Review surgical anatomy relevant to temporal lobe epilepsy • Know the definition of medically refractory epilepsy • Review basic work-up of epilepsy patients, including neuropsychology evaluations 	Dr. David Clarke
10:20 -10:30	BREAK	
10:30 – 11:10	Epilepsy Case Discussions <ul style="list-style-type: none"> • To understand the social and personal impact of uncontrolled epilepsy • To be able to identify a good candidate for surgical treatment of their epilepsy. • To know the common surgical options for investigation and treatment of medically refractory epilepsy 	Dr. David Clarke
11:10- 11:50	Management of Peripheral Nerve Entrapment Peripheral Nerve Entrapment Syndrome <ul style="list-style-type: none"> • Have a basic understanding of and be able to describe the clinical features and pathophysiology of non-surgical peripheral nerve and muscle diseases involved in the differential diagnosis of neurosurgical conditions or requiring nerve and/or muscle biopsy. • Describe the pathology and pathophysiology of peripheral nerve 	Dr Suganth Suppiah
11:50- 12:30	Management of Peripheral Nerve Injuries <ul style="list-style-type: none"> • Describe the pathophysiology of peripheral nerve injuries • Classify these injuries • Describe the causes, clinical features and epidemiology • Discuss a logical approach to their management 	Dr. Line Jacques / Dr Andrew Jack
12:30-13:40	LUNCH with TD	
13:40- 15:00	HOT SEAT SESSION <ul style="list-style-type: none"> • Describe and explain the diagnosis, investigation, and management of common neurosurgical cases 	Dr. Line Jacques / Dr Andrew Jack
15:00 –15:20	BREAK	

15:20- 16:00	<p>Case discussions – Peripheral nerve tumors, approaches, work up and management</p> <ul style="list-style-type: none"> Describe and explain the diagnosis, investigation, and management of common neurosurgical cases 	Dr. Line Jacques / Dr Andrew Jack
16:00 – 16:40	<p>Classification and Management of Thoracolumbar Injuries</p> <ul style="list-style-type: none"> Practical classification of thoracolumbar injuries 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. Scott Paquette
16:40 – 17:30	<p>Pediatric Brain Tumors I</p> <ul style="list-style-type: none"> Discuss the presenting signs of a brain tumor- different childhood age groups; diagnostic workup Identify/ classify more common brain tumors found in children; develop an appropriate Dx for a newly presenting pediatric brain tumor-WHO Classification has been updated in 2016 Describe differences between adults and children in terms of types of tumors and planning surgery <p>Feel Confident at the Royal College Exam, if you get a question</p>	Dr. Ziyad Makoshi
17:30- 17:40	BREAK	
17:40 – 18:20	<p>Pediatric Brain Tumors II</p> <p>Case based presentation</p> <ul style="list-style-type: none"> Describe and explain the diagnosis, investigation, and management of common neurosurgical cases 	Dr. Ziyad Makoshi