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

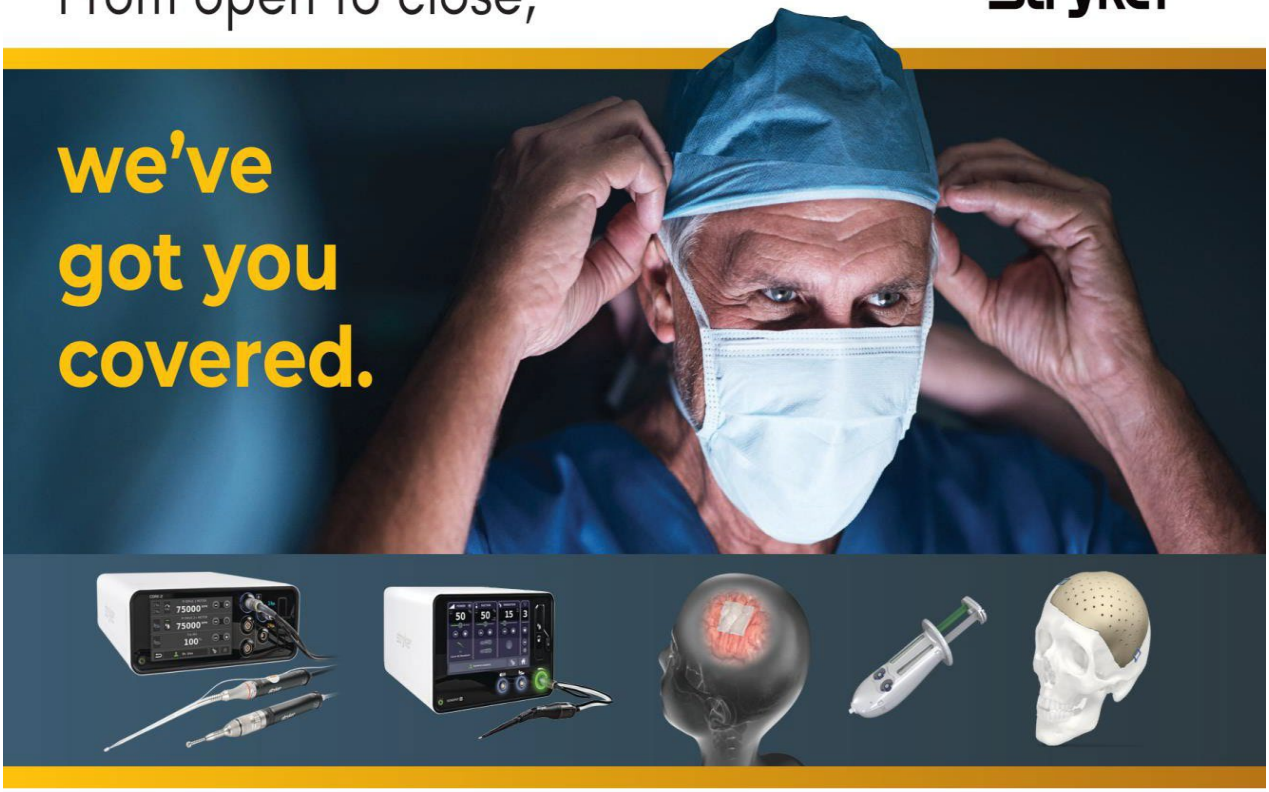
Wednesday February 12th

07:20 – 08:00	Breakfast	
08:00 – 08:40	**Case Presentations I –** Cranial and Spinal Angiogram anatomy (normal and pathological) with Cases • Describe and explain the diagnosis, investigation, and management of common neurosurgical cases	Dr Lissa Peeling
08:50 – 09:30	**Case Presentations II –** Cranial and Spinal Angiogram anatomy (normal and pathological) with Cases • Describe and explain the diagnosis, investigation, and management of common neurosurgical cases	Dr Lissa Peeling
09:40 – 10:20	**Vascular Malformations of the Brain and Spinal Cord: AVM's and DAVF's I** • Discuss the epidemiology and clinical features of AVM's • Describe the surgical treatments of a ruptured AVM • Describe the classification and treatment options for AVM's	Dr. Julian Spears
10:20 - 10:30	**BREAK**	
10:30 – 11:10	**Vascular Malformations of the Brain and Spinal Cord: AVM's and DAVF's II** • Discuss the epidemiology and clinical features of AVM's • Describe the surgical treatments of a ruptured AVM • Describe the classification and treatment options for AVM's	Dr. Julian Spears
11:10 – 11:50	**Intraoperative Neurophysiological Monitoring I** • Describe intraoperative neurophysiological monitoring ((IONM) techniques and their usefulness. • Describe neurophysiological mapping techniques and their usefulness. • Describe the limitations of IONM and neurophysiological mapping	Dr. Susan Morris
11:50 – 12:30	**Intraoperative Neurophysiological Monitoring II** • Compare and contrast the strengths, weaknesses and overall usefulness of the two primary modalities used in intraoperative neurophysiological monitoring (IONM): 1. Somatosensory Evoked Potentials (SSEPs) and 2. Transcranial Motor Evoked Potentials (TcMEPs). • Compare and contrast TcMEPs and D-wave potentials with specific reference to spinal cord tumour resection surgery. • Choose the intraoperative neurophysiological *monitoring* and/or *mapping* modalities you would employ during the below listed procedures and clearly state the rationale for your choice(s): Spine deformity correction	Dr. Susan Morris
12:30 – 13:40	**LUNCH with presentation by Stryker**	
13:40 – 14:20	**Neuromodulation for Pain** At the end of this session, participants should be able to • Describe and draw the pain pathways, Discuss the role of surgery in pain modulation	Dr. Alan Chalil

	• List the currently available techniques for pain modulation including their indications and limitation • Discuss the physiological basis for the common pain modulation techniques utilized by neurosurgeons	
14:20 – 15:00	**Cranial Nerves: Review I & II** • Describe the central connections of cranial nerves, I, III, IV, V & VI • Discuss the clinical aspects of the neurophysiology • Discuss the surgical significance of their course and distribution • List surgical lesions associated with these nerves	Dr. Charles Agbi
15:00 – 15:20	**BREAK**	
15:20 – 16:40	**HOT SEAT SESSION** • Describe and explain the diagnosis, investigation, and management of common neurosurgical cases	Dr. Safraz Mohammed and Dr. Charles Agbi
16:40 – 17:30	**Stroke Update: Acute Medical and Interventional Neuroradiology Management** • Examine a case study of a stroke patient and determine treatment options. • Relate the importance of neurological examination in hyperacute stroke management.	Dr. Robert Fahed
17:40 – 18:20	**Case Presentations** • Describe and explain the diagnosis, investigation, and management of common neurosurgical cases	Dr Jessica Rabski

From open to close,

stryker



Cranial product portfolio