

13th Annual Ottawa Neurosurgery Review Course
Schedule 8th - 15th February, 2025

Tuesday February 11th

07:20 – 08:00	Breakfast	
08:00 – 08:40	Neuroanesthesia <ul style="list-style-type: none"> • Be able to decide the technique of anesthesia 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
08:50 – 09:30	Pituitary tumors: The Endocrinologist's Perspective on Diagnosis and Management <ul style="list-style-type: none"> • To identify the clinical and laboratory findings important in the initial work-up and follow-up of patients with pituitary adenomas Interactive Case-based Seminar	Dr. Heather Lochnan
09:40 – 10:20	Pineal Tumours <ul style="list-style-type: none"> • Recognize different pathologies affecting the pineal region • Identify the different diagnostic approaches for pineal tumours • Discusses different surgical approaches to pineal region 	Dr. Fahad Alkherayf
10:20 -10:30	BREAK	
10:30 – 11:10	Minimally Invasive Approaches in Spine Surgery: General Principles <ul style="list-style-type: none"> • Describe the indications and contraindications for minimally invasive techniques in spinal surgery • Discuss the role of technology in minimally invasive spine surgery • Be able to describe the planning and placement of thoracolumbar pedicle screws using minimally invasive techniques 	Dr. Safraz Mohammed
11:10- 11:50	Spontaneous Intracerebral Haemorrhage: What's New <ul style="list-style-type: none"> • Describe the pathophysiology of hematoma expansion, hemodynamics & hemostasis • List and discuss the indications for ICH surgery • List the steps utilized in preventing complications of ICH 	Dr. Dar Dowlatsahi
11:50-12:30	Surgical Management of Pituitary Tumours/Sellar/Suprasellar Lesions <ul style="list-style-type: none"> • Identify the indications for surgery in pituitary tumours • Enumerate the surgical options and their rationales • Describe the transnasal endoscopic removal of pituitary lesions • Discuss the outcomes including challenges and complications 	Dr. Charles Agbi
12:30-13:40	LUNCH	

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. Fahad Alkherayf
15:00 –15:20	BREAK	
15:20 – 16:00	Critical Care Management of TBI: What Should We Measure, When and Why <ul style="list-style-type: none"> Describe the patient population that may benefit from monitoring Demonstrate the physiologic processes we can measure Review the role and key measures of monitoring in ICU management of TBI <ul style="list-style-type: none"> ICP monitoring CPP Cerebrovascular Autoregulation.. 	Dr. Shane English
16:00 – 16:40	Radiotherapy for CNS Tumours – Current Concepts <ul style="list-style-type: none"> discuss when radiation therapy is indicated for various benign and malignant tumors describe radiation therapy approaches for malignant gliomas define the current radiation therapy techniques list the indications of stereotactic radiation/radiosurgery 	Dr. Vimoj Nair
16:40 – 17:30	Chemotherapy for CNS Tumours – Current Concepts <ul style="list-style-type: none"> Attendees will be able to apply existing literature to decisions about systemic therapy for patients with primary brain tumours. 	Dr. Garth Nicholas
17:30- 18:00	BREAK	
18:00	Resident Social - Dinner	

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