

Saturday January 27th

07:00 – 07:40	Registration and Breakfast	
07:40 – 08:00	Introductory Remarks Q&A	Dr Safraz Mohammed Dr. Charles Agbi Dr. Fahad Alkherayf
08:00 – 08:40	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
08:50 – 09:30	Pineal Tumours <ul style="list-style-type: none"> • To be familiar with different pathologies affecting the pineal region • Identify the different diagnostic approaches for pineal tumours • Discusses different surgical approaches to pineal region 	Dr. Fahad Alkherayf
09:40 – 10:20	Epidemiology, Genetics, Molecular Biology of Intracranial Aneurysms. Management of Unruptured Intracranial Aneurysms. <ul style="list-style-type: none"> • List three genetic syndromes associated with the development of brain aneurysms. • List three molecules involved in the pathogenesis of aneurysms. • List three histological features of aneurysm formation • Name three aneurysm features that can influence risk of rupture 	Dr. Alim Mitha
10:20 - 10:30	BREAK	
10:30 – 11:10	Surgical Management of Ruptured Intracranial Aneurysms <ul style="list-style-type: none"> • To describe the rationale for the treatment of ruptured and unruptured aneurysms • Select the appropriate therapeutic strategy(ies) for the treatment of an aneurysm. • To describe the risks associated with the treatment and therapeutic measures to minimize such risks. • Describe the rationale for a multidisciplinary approach to the management of aneurysms 	Dr. Alim Mitha
11:10- 11:50	Chordomas and Chondrosarcomas: Current Management <ul style="list-style-type: none"> • Describe the pathological differences between chordomas and chondrosarcomas. • Describe the role of multi-disciplinary care in the treatment of chordomas and chondrosarcomas. • Discuss the oncologic surgical principles for resection of chordomas and chondrosarcomas. • Outline the options for surgical management of skull base chordomas and chondrosarcomas 	Dr. Idara Edem

11:50- 12:30	Case discussions	Dr. Idara Edem
12:30-13:40	LUNCH – Presentation by Stryker	
13:40- 15:00	HOT SEAT Sessions	Dr. Alim Mitha

15:00 – 15:20	BREAK	
15:20 – 16:00	Lecture on Exam Preparation, the Written Exam, OSCE	Dr. Safraz Mohammed
16:00 – 16:40	Endovascular Treatment Options for Ruptured Intracranial Aneurysms <ul style="list-style-type: none"> • Discuss the scientific basis for choosing treatment options for ruptured aneurysms. • List three different endovascular techniques for ruptured aneurysms • Discuss commonly used adjuvant techniques for dealing with complex aneurysms. • Describe a grading system for measuring treatment outcomes and the implications 	Dr. Gwynedd Pickett
16:40 – 17:30	Pathophysiology, Diagnosis and Management of Cerebral Vasospasm Following this lecture, learners will be able to: <ul style="list-style-type: none"> • Select and correctly interpret appropriate investigations in the management of delayed neurological deterioration post-SAH. • List risk factors for cerebral vasospasm and describe epidemiology and outcomes. • Describe current understanding of pathophysiology of vasospasm post-SAH. • Choose appropriate therapy for management of cerebral vasospasm. 	Dr. Gwynedd Pickett
17:30- 17:40	BREAK	
17:40 – 18:20	Stroke Update: Acute Medical and Interventional Neuroradiology Management <ul style="list-style-type: none"> • 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



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