

## PROGRAMME - Day 1 (6<sup>th</sup> October 2022, Thursday)

Venue Time	Johor 1 + 4 Room	Sabah Room	Malacca Room	Penang Room	Kedah & Selangor Room	Perak Room	Johor 2 + 5 Room	Kelantan Room	Sarawak Room
	Endonasal 1	Expanded Skull Base 1	Expanded Skull Base 2	Intracranial 1 / Spine	Endonasal 2 / Rhinology 2	Rhinology 1	ORLHNS	Intracranial 2	Live Dissection Courses
0730 - 0830	Approaches to Skull Base	3D Skull Base Anatomy	Technological Adjuncts in Skull Base Surgery	Spinal Anatomy Landmarks in Endoscopic Spine Surgery	FESS: Ethmoid / Sphenoid Sinuses	Turbinate Surgery	TBC	Endoscopic Intraventricular Anatomy	Anterior & Posterior Ethmoidectomy
0830 - 0900	Keynote Lecture 1 (Sabah Room)								
0900 - 0930	Keynote Lecture 2 (Sabah Room)								
0930 - 1000	Vascularised Flaps	Skull Base and Paranasal Sinuses Imaging	Adjuvant Therapy for Skull Base Tumours	A Review of Endoscopic and Minimally Invasive Techniques in Spinal Surgery (Biportal / Uniportal / MIS / Robotics)	Sponsored Symposium by Mylan	Maxillary Sinus Surgery: Simple to Complex	Cochlear Implantation: Microscope or Endoscope	Endoscopic Management of Hydrocephalus and Its Related Conditions	Endoscopic Intranasal Pedicle Flaps
1000 - 1030									
1030 - 1100	Tea Break / Exhibit Visit								
1100 - 1200	Advances in Skull Base Reconstruction	Pituitary Surgery - Functioning Adenomas	European Position Paper on Rhinosinusitis and Nasal Polyps (EPOS2020)	Endoscopic Management of Degenrative Conditions of the Cervical Spine and CVJ	Sponsored Symposium by GSK	Dacrocystorhinostomy	TBC	Endoscopic Approaches to Lateral and Third Ventricular Tumours	Sphenoidotomy
1200 - 1330	Lunch Symposium by Karl Storz								Lunch Talk by Medtronic
1330 - 1430	Management of Big to Small Skull Base Defects After Extended Endoscopic Surgery	Pituitary Surgery - NFA	New Technology and Robotics in Skull Base Surgery	Endoscopic Management of Lumbar Degenerative Conditions	Nasopharyngeal Carcinoma and Related Issues	Sinonasal Fungal Diseases	TBC	Endoscopic Approaches to the Cerebellopontine Angle	Transmaxillary Approach to Pterygopalatine & Infratemporal Fossa
1430 - 1530	Oncological Skull Base Surgery	Pituitary Surgery - Giant Invasive Adenomas and Recurrent Lesions	Hemostasis in Sinonasal and Skull Base Surgery	Endoscopic Management of Extradural Tumours		Controversies in Management of Frontal Sinus Disease	TBC	Endoscopic Management of Intracranial Cystic Lesions	Endoscopic Endonasal Approach to the Petrous Apex
1530 - 1600	Tea Break / Exhibit Visit								Endoscopic Endonasal Approach to the Sella Turcica
1600 - 1700	Lumbar Drains in Endoscopic Skull Base Surgery	Craniopharyngiomas	Infective Lesions Mimicking Tumours of the Skull Base	Endoscopic Management of Intradural Tumours	Endoscopic Transclival Approach	TBC	TBC	Endoscopic Approaches to the Pineal Region	Endoscopic Endonasal Approach to the Planum Sphenoidale
1700 - 1800	Rare Tumour in Skull Base		Esthesionblastomas	Complication Avoidance in Endoscopic / Minimally Invasive Spine Surgery	Paragangliomas	TBC	TBC	Management of Meningoencephaloceles of the Anterior Skull Base	

## PROGRAMME - Day 2 (7<sup>th</sup> October 2022, Friday)

Venue Time	Johor 1 + 4 Room	Sabah Room	Malacca Room	Penang Room	Kedah & Selangor Room	Perak Room	Johor 2 + 5 Room	Kelantan Room	Sarawak Room
	Endonasal 1	Expanded Skull Base 1	Expanded Skull Base 2	Intracranial 1 / Spine	Endonasal 2 / Rhinology 2	Rhinology 1	ORLHNS	Intracranial 2	Live Dissection Courses
0730 - 0830	Imaging Guided System (IGS) in Endoscopic Surgery	Sinonasal and Skull Base Tumours 1	Skull Base as a Subspeciality: Pathway for Young Doctors in the Region	Endoscopic Management of Basal Ganglia and Thalamic Haemorrhages	Recalcitrant Rhinosinusitis	Endoscopic Septoplasty	Optimising the Use of Rib Cartilage for Rhinoplasty	Making the Transition from Open to Endoscopy: Learning Curves, Tips & Tricks	Endoscopic Endonasal Approach to Meckel's Cave & Cavernous Sinus
0830 - 0900	Keynote Lecture 3 (Sabah Room)								
0900 - 0930	Keynote Lecture 4 (Sabah Room)								
0930 - 1000	Skull Base Anatomy	Sinonasal and Skull Base Tumours 2	Sponsored Symposium	Endoscopic Management of Posterior Fossa Haemorrhage / Lesions	Awake Procedure	Prelacrimal Approach	Nasal Implants	Endoscopic Treatment of Pain and Functional Disorders	Endoscopic Endonasal Approach to Clivus & Hypoglossal Canal
1000 - 1030									
1030 - 1100	Tea Break / Exhibit Visit								
1100 - 1200	Pterygopalatine Fossa / Petrous Apex	Treatment of Sinonasal and Skull Base Malignancies	Cavernous Sinus Opening and Dissection	Extending Horizons of Cranial Endoscopy	Inverted Papilloma 1	Pathogenesis, Biofilms and Superantigens	Contemporary Approach to Auxiliary Procedures Complementing Rhinoplasty	Endoscopy in the Surgical Treatment of Aneurysm	Endoscopic Endonasal Transpterygoid Nasopharyngectomy
1200 - 1330	Lunch Symposium by Medtronic								Lunch Talk by Karl Storz
1330 - 1430	Petrous Apex Cholesterol Granulomas and Other Lesions	Sinonasal and Skull Base Surgery Complications	Anterior Skull Base Meningiomas	Brain Stem Lesion	IORT	State of the Art in Sleep Surgery	Paediatric Dysphagia in ORL	Schwannoma	Frontal Sinus Approach
1430 - 1530	Quality of Life and Nasal Function in Skull Base Surgery	1430 - 1600 Endoscopic Approach to Sellar and Supresellar Region	Middle Fossa Meningiomas	Selecting the Right Approach: Endoscope vs Microscope Outcomes	Sponsored Symposium	Holistic Approach to Sleep Apnea	Choanal Atresia	Endoscopic Mx of AVM/s Cavernous Malformations	Endoscopic Transorbital Approach
1530 - 1600	Tea Break / Exhibit Visit								Closure of the Skull Base Defect
1600 - 1700	Endonasal Odontoidectomy		Pituitary Transposition in Sellar / Suprasellar Endoscopic Surgery	Open Surgery vs Endoscopy Revisited	Surgical Treatment of CRS	Nasal Polyposis	Paediatric Rhinology	Endoscopic Glioma Surgery	
1700 - 1800	Managing Neural Tissue Injury During Endoscopy Surgery		Endocrine Complications After Endoscopic Skull Base Surgery	Foramen Magnum Meningiomas	CRS Related Issues	Inverted Papilloma 2	Paediatric Airway	Endoscope Use in Epilepsy Surgery	
1930 - 2230	Conference Dinner								



PROGRAMME - Day 3 (8<sup>th</sup> October 2022, Saturday)

Venue Time	Perak Room	Sabah Room	Malacca Room	Penang Room	Kedah Room	Johor 1 + 2 + 4+ 5 Room	Selangor Room	Kelantan Room	Sarawak Room
	Endonasal 1	Expanded Skull Base 1	Expanded Skull Base 2	Intracranial 1 / Spine	Endonasal 2 / Rhinology 2	Rhinology 1	ORLHNS	Intracranial 2	Live Dissection Courses
0730 - 0800	Juvenile Nasopharygneal Angiofibroma	Purely Endoscopic vs Endoscopic Assisted Surgery	Endoscopic Approach to Infratemporal Fossa	Endoscopic Approaches of Chordomas and Chondrosarcomas	Frontal Sinus Surgery	CSF Leaks	Endoscopic Middle Ear Surgery	Endoscopic Treaatment of Craniosynostosis	Endoscopic Turbinate Surgery
0800 - 0830		Plenary 1: Endoscopic Otology and Lateral Skull Base Surgery		Intraventricular Infections and Haemorrhage: Endoscopic Management			Pituitary Society	Endoscopic Approach to the Cranio-Cervical Junction	
0830 - 0900									
0900 - 0930		Plenary 2: Endoscopic Otology and Lateral Skull Base Surgery							
0930 - 1030	Endoscopic Orbital Surgery	Challenging Cases with Expert Panel Discussion	Sponsored Symposium by Baxter	Complication Avoidance During Intraventricular Endoscopy	Severe Epistaxis	Outcomes in Endoscopic Sinus Surgery	Panel Discussion Past, Present & Future of Endoscopic Ear Surgery	Endoscopic landmarks of the Internal Carotid Artery	
1030 - 1100	Tea Break / Exhibit Visit								
1100 - 1200	Transorbital Approaches	Role of Virtual Reality and Augmented Reality in Skull Base Surgery	New Technology in Skull Base Surgery and Neurosurgery	Combined Endoscopic and Open Approaches: Relevance in Current Practice	Individually Tailored Treatment for CRS Using Biomarkers: Future in CRS Management?	Outcome After ESS	Endoscopic Cholesteatoma Surgery	Pituitary Society	Orbital & Optic Nerve Decompression
1200 - 1300	Lunch Symposium by Karl Storz								Lunch
1300 - 1330									Endoscopic Septal Surgery
1330 - 1430	Orbital Related Approaches: Decision Making	Managing Arterial Injury During Endonasal Surgery	Endoscopic Skull Base & Intracranial Surgery: Miscellaneous	The Role of Intraoperative Imaging in Endoscopic Spinal Surgery	Nasal Allergy	Revision FESS	Endoscopic Lateral Skull Base Surgery/ Neurotology / IAM	Pituitary Society	Medial Maxillectomy
1430 - 1530	Updated Management of Olfactory Disorders		Vestibular Schwannoma: Endoscope or Microscope	Endoscopic Management of Craniocervical Junction Pathology	Rhinologic Allergy - Anything New?	Balloon Sinuplasty	TBC	Surgical Control of Epistaxis	
1530 - 1630	Olfactory Consideration in Treatment of Skull Base Pathology		Pre-Operative Antibiotics and Infectious Complications in Extended Endonasal Approaches	Fibro Osseous Lesions	Current Trends in Immunotherapy	Granulomatous Disease of the Nose and PNS	Endoscopic Closure of Septal Perforation		TBC
1630 - 1730	Closing Ceremonay & Tea Break								

