



ABU DHABI
NEUROSCIENCE
MILESTONES &
INNOVATION
PATIENT FORUM

 **Dusit Thani**

11 - 12 OCTOBER 2025

ENDORSED BY:



AGENDA

DAY 1 Saturday 11th October

Opening Session and welcome speech

Time	Topic	
8:00 - 8:30	Registration	
8:30 - 8:35	Welcome speech	Prof. Dr. Mohammed J Asha

SESSION 1: INTRODUCTORY SESSION Moderators: Dr. Alessandro Paluzzi, Prof. Dr. Mohammed J Asha

Time	Topic	Speaker
8:35 - 8:50	Lessons from the Innovators of British Neurosurgery	Dr. Jonathan Pollock
8:50 - 9:15	From Craft to Code: How Neurosuregons Can Innovate Without Losing Mastery	Dr. Nicholas Thomas
9:15 - 9:30	AI Tools for Brain Tumors Management	Dr. Jonathan Shapey
9:30 - 9:45	Would Robots with AI Replace Neurosurgeons one day?	Dr. Ahmed Quateen
9:45 - 10:00	The Use of AI in the diagnosis of rare neurological disorders	Prof. Fatma Aljasmi
10:00 - 10:05	Discussion	

10:05 - 10:15 COFFEE BREAK

SESSION 2: ADVANCES IN COMPLEX BRAIN SURGERY Moderators: Dr. Sinan Barazi, Dr. Mario Teo

Time	Topic	Speaker
10:15 - 10:30	The power of hemdynamic and cerebral flow data in guiding cerebral revascularization surgery	Prof. Luca Regli
10:30 - 10:45	Computer-Brain Interface: Neuralink project - UAE Prime Trial Updates	Dr. Florian Roser
10:45 - 11:00	Robotics in Endoscopic Skull Base Surgery	Prof. Francesco Doglietto
11:00 - 11:15	Endoscopic surgery for trigeminal neuralgia surgery	Dr. Sinan Barazi
11:15 - 11:35	Endoscopic and Minimally invasive surgery: Reducing risks not outcomes	Prof. Dr. Mohammed J Asha
11:35 - 11:50	Meningioma surgery: Advanced applications for genomics and radiomics	Dr. Mario Teo
11:50 - 12:05	Current paradigm for cerebral AVM management	Dr. Mohamed Samy ElHammady
12:05 - 12:20	Advances in Lateral Trans Orbital Approaches to skull base lesions	Dr. Calvin Mak
12:20 - 12:25	Discussion	

12:25 - 12:35 COFFEE BREAK

SESSION 3: OPENING CEREMONY AND SUCCESS STORIES

Time	Topic	Speaker
12:35 - 12:50	Opening Ceremony	
12:50 - 13:00	Sic Parvis Magna: Building Excellence Beyond the Name	Prof. Dr. Mohammed J Asha
13:00 - 13:05	Stroke Center of Excellence - A Center of Challenge	Dr. Tiago Moreira
13:05 - 13:10	Live Patient testimonial: Giant Vestibular Schwannoma	Dr. Fayaz Khan
13:10 - 13:15	Live Patient testimonial: Complex Suprasellar Tumor	Mr. Manea Alkindi
13:15 - 13:20	Live Patient testimonial: Brainstem Cavernoma	Mr. Kamal Maged Mohammed Alamri
13:20 - 13:30	Success Stories - Highlights	
13:30 - 13:35	Celebrating our Patients and Outcomes: Group Photo	

13:35 - 14:30 LUNCH BREAK

SESSION 4: ADVANCES IN COMPLEX SPINE SURGERY Moderators: Dr. Ahmed Quateen, Dr. Sameh Aboelfotouh

Time	Topic	Speaker
14:30 - 14:45	Stem Cells in spinal fusion: From proof of concept to clinical experience	Dr. Anas Dyab
14:45 - 15:00	AI, Machine learning and Adult spine deformity surgery	Dr. Sameh Abolfotouh
15:00 - 15:15	Uncovering The Evidence: Recent Contributions to Everyday Neurosurgical Practice	Dr. Ahmed Ramadan Sadek
15:15 - 15:30	Robotic-assisted minimally invasive spine surgery: Towards fully autonomous	Dr. Aseem Alhaj
15:30 - 15:45	From scalpel to stimulation: Advancement in spine surgery and neuromodulation	Dr. Hassan Seif
15:45 - 16:00	New wrapping technique for the treatment of symptomatic sacral Tarlov cyst	Prof. Nicandro Figueiredo
16:00 - 16:15	Clinical experience utilizing total disc replacement for revision of failed ACDF and prior cervical disc replacements	Dr. Ardavan Ardeshiri
16:15 - 16:20	Discussion	

16:20 - 16:30 COFFEE BREAK

SESSION 5: CLINICAL CASES		Moderators:	Cranial Panel: Prof. Luca Regli, Dr. Alessandro Paluzzi, Prof. Andreas Gruber, Prof. Luciano Mastronardi Spine Panel: Prof. Prof. Imad Hashim Ahmad, Prof. Abdul Karim Msaddi, Dr. Aseem Alhaj, Dr. Firas Husban
Time	Topic	Speaker	
16:30 - 17:15	Cranial Nightmare Scenarios	Prof. Mohammed J Asha, Dr. Mario Teo, Dr. Nicholas Thomas	
17:15 - 18:00	Spinal Nightmare Scenarios	Prof. Nicandro Figueiredo, Dr. Ahmed Quateen, Dr. Sameh Abolfotouh	
18:00 - 18:15	Raffle Draw		
18:15 - 19:30	Gala Dinner		

DAY 2

Sunday 12th Oct 2025

8:00 - 8:30	Registration
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SESSION 6: ADVANCED CEREBROVASCULAR AND SKULL BASE		
Moderators: Dr. Jonathan Pollock, Dr. Nicholas Thomas		
Time	Topic	Speaker
8:30 - 8:45	Auditory Brainstem Implantation for congenita opeduaric deafness	Dr. Nicholas Thomas
8:45 - 9:00	Advanced techniques in vestibular schwannoma suregry	Prof. Luciano Mastronardi
9:00 - 9:15	The Supraorbital Eyebrow Approach: A modern gateway for skull base lesions	Dr. Abdu ALKhairy
9:15 - 9:30	Microsurgical techniques for paraophthalmic aneurysms	Prof. Luca Regli
9:30 - 9:45	Hybrid OR: Toy or Game Changer?	Prof. Andreas Gruber
9:45 - 10:00	Promising new endovascular interventions in Neurosurgery: The Birmingham Experience	Dr. Alessandro Paluzzi
10:00 - 10:15	Dual Endo and Exoscope approach: Redefining minimally invasive skull base surgery	Dr. Kentaro Watanabe
10:15 - 10:30	Advanced functional mapping using smart neural fibre tracking and nTMS in glioma surgery	Dr. Ahmed Allam
10:30 - 10:45	Management of IDH-mutant gliomas: New perspective and new hopes	Prof. Dr. Mohammed J Asha
10:45 - 10:50	Discussion	
10:50 - 11:05	COFFEE BREAK	

SESSION 7: COMPLEX SPINE		
Moderators: Prof. Nicandro Figueiredo, Prof. Abdul Karim Msaddi		
Time	Topic	Speaker
11:05 - 11:30	Central or axial atlantoaxial instability - A potential revolution in the understanding of craniovertebral junction	Prof. Atul Goel
11:30 - 11:45	Minimally invasive TLIF: Tricks and tips	Prof. Imad Hashim Ahmad
11:45 - 12:00	Complex and revision spine surgery: New insights into old problem	Dr. Thaer Darwish
12:00 - 12:15	Full adoption of endoscopic surgery: Lessons learnt from tubular surgery	Dr. Moh'd Ala Arikat
12:15 - 12:30	Spine Before Knee? Evidence-Based Pathways for Optimal Outcomes	Dr. Firas Husban
12:30 - 12:45	Trans articular anterior C1-C2 fixation: An innovative surgical technique	Dr. Waseem Aziz
12:45 - 13:00	Single position prone lateral surgery utilizing robotic navigation: A single center experience	Prof. Dr. Nicolai Elhindy
13:00 - 13:15	From complexity to stability: A case of Fourth-Time L5-S1 Revision Using OLIF51 Cage	Dr. Mahmoud Abousayed
13:15 - 13:20	Discussion	
13:20 - 14:05	LUNCH BREAK	

PARALLEL SESSION 6: EPILEPSY AND NEUROMODULATION		
Moderators: Dr. Hina Naz Abbasi, Dr. Muhammad Al Kaylani		
Time	Topic	Speaker
8:30 - 9:00	Epilepsy surgery outcomes - Lesion localisation and outcomes	Dr. Ramesha Kallakatta Nekkare
9:00 - 9:20	DBS in PD, tremor, and dystonia	Dr. Shivam Om Mital
9:20 - 9:40	RNS treatment and laser treatment for focal epilepsies	Dr. Anil Vasudev Israni
9:40 - 10:00	VNS use in refractory epilepsy	Dr. Noha Solieman
10:00 - 10:05	Discussion	
10:05 - 10:10	BREAK	

PARALLEL SESSION 7: EMERGING NEURODIAGNOSTICS AND NEUROMUSCULAR THERAPY		
Moderators: Dr Adel Elbery, Dr Jawad Fazal		
Time	Topic	Speaker
10:10 - 10:40	Functional MRI and memory/ cognitive assessment	Dr. Ravi Jampana
10:40 - 11:00	Evolving Landscape in Multiple Sclerosis: The new McDonald Criteria and role of AI in MS imaging	Dr. Mohammed Asif Dogar
11:00 - 11:20	Era of Modern Treatment in Neuromuscular Medicine	Dr. Chaudhry Muhammad Mehtab Iqbal
11:20 - 11:40	More Than Muscle: Differential Neural Impacts of Functional and Strength Training in Young Adults	Ms. Natascha Enriquez
11:40 - 11:45	Discussion	
11:45 - 11:50	BREAK	

PARALLEL SESSION 8: NEURO MONITORING AND NEUROMODULATION		
Moderators: Dr. Tanmoy Maiti, Dr. Abdulla Hamad Alkuwaiti		
Time	Topic	Speaker
11:50 - 12:20	Intraoperative neuromonitoring in spinal and cranial surgeries modern advancements	Dr. Siti Aisyah Yaacob
12:20 - 12:40	Quantitative EEG for seizure detection in critically ill patients	Dr. Sidra Aurangzeb
12:40 - 13:00	Neuromodulation as a treatment modality for various neurological conditions	Dr. Naji Riachi
13:00 - 13:05	Discussion	
13:05 - 14:05	LUNCH BREAK	

AGENDA

SESSION 8: PEDIATRICS NEUROSURGERY AND PERIPHERAL NERVE E		
Moderators: Prof. Imad Hashim Ahmad, Dr. Hassan Seif		
Time	Topic	Speaker
14:05 - 14:20	Novel philosophy in prevention of malignant transformation in peripheral nerve tumors in NF patients	Dr. Debora Garozzo
14:20 - 14:35	Selective microsurgical peripheral neurectomy versus selective posterior dorsal rhizotomy for spastic diplegia in CP children	Prof. Abdul Karim Msaddi
14:35 - 14:50	Brain Mapping in Epilepsy Surgery	Prof. Faisal Alotaibi
14:50 - 15:05	Expanding the Role of Neuroendoscopy in Complex Pediatric Hydrocephalus; Beyond ETV	Dr. Essam A. Elgamal
15:05 - 15:20	Peripheral Nerve Pain Relief: When surgery becomes the targeted option	Dr. Khaled Fares AlAli
15:20 - 15:35	Trans cranial Doppler in management of patient with raised intracranial pressure in Pediatric patient	Dr. Anwar Ahmad
15:35 - 15:50	Establishing a Functional Neurosurgery Unit from scratch: Challenges and Aspirations	Dr. Mahmoud Abdallat
15:50 - 15:55	Discussion	
15:55 - 16:05	COFFEE BREAK	

SESSION 9: VASCULAR/ENDOVASCULAR		
Moderators: Dr. Ali Hassan, Dr. Aiman Qateen		
Time	Topic	Speaker
14:05 - 14:25	Thrombolysis in DOAC treated patients: New concepts, same contraindication	Dr. Tiago Moreira
14:25 - 14:40	Distal thrombectomy: Waiting for the breakthrough	Dr. Mohamed Elsharkawy
14:40 - 14:55	Harnessing AI in telemedicine and pre-hospital triage of suspected stroke	Dr. Miklos Szolics
14:55 - 15:05	One-stop shop for mechanical thrombectomy: Are we ready?	Dr. Aiman Qateen
15:05 - 15:20	AI applications in neuroimaging of acute ischemic	Dr. Manzoor Ahmed
15:20 - 15:35	Minimally invasive surgery of intracerebral hemorrhage	Dr. Jawad Fazal
15:35 - 15:55	Discussion and closing Remarks	

SESSION 9: FREE PAPER SESSIONS/ABSTRACT SUBMISSIONS		
Time	Topic	Speaker
16:05 - 16:15	Management of complex traumatic Craniocervical junction dissociation: Case presentation	Dr. Hazem Al Abbadi
16:15 - 16:25	Supraorbital vs pterional keyhole for anterior circulation aneurysms: A systematic review and meta-analysis	Dr. Ebtesam Abdulla
16:25 - 16:35	Knowledge and Diagnostic Confidence of General Practitioners in Managing Idiopathic Intracranial Hypertension: A Cross-Sectional Study from Oman	Dr. Manar Al Abdulsalam
16:35 - 16:45	Glioblastoma in Saudi Arabia: Clinical, Surgical, and Molecular Outcomes in the Largest Single-Center Cohort Reclassified under WHO 2021 Criteria	Dr. Ahmed Bin Salem
16:45 - 16:55	Giant Colloid Cysts: Evaluating Treatment Approaches and Patient Outcomes Through case series and review of the literature	Dr. Thamer Alsharif
16:55 - 17:05	Efficacy of transcutaneous vagus nerve stimulation (t-VNS) in treating drug-resistant epilepsy: A systematic review and meta-analysis	Dr. Mumen Halabi
17:05 - 17:15	Neuro-Endoscopic Management Versus Standard Care for Intraventricular and Intracerebral Hemorrhage: A Systematic Review and Meta-Analysis of Functional and Clinical Outcomes	Dr. Ahmed Mousa
17:15 - 17:25	Recurrent Cerebral Venous Thrombosis in a Female with No Known Risk Factors: A Case Report and Literature Review	Dr. Deema Alhayali
17:25 - 17:30	Raffle Draw	
17:30 - 17:35	CLOSURE AND BEST POSTER AND BEST PRESENTATION AWARD	
	Prof. Nicandro Figueiredo/ Prof. Dr. Mohammed J Asha	