



ABU DHABI

NEUROSCIENCE  
MILESTONES &  
INNOVATION

PATIENT FORUM

Dusit Thani









11 - 12 OCTOBER 2025

Ethical MedTech  
MedTech Europe compliance portal

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. Fatima Aljasmi
10:00 - 10:10 COFFEE BREAK		
SESSION 2: ADVANCES IN COMPLEX BRAIN SURGERY Moderators: Dr. Nicholas Thomas, Dr. Mario Teo		
Time	Topic	Speaker
10:10 - 10:25	The power of hemdynamic and cerebral flow data in guiding cerebral revascularization surgery	Dr. Luca Regli
10:25 - 10:40	Computer-Brain Interface: Neuralink project - UAE Prime Trial Updates	Dr. Florian Roser
10:40 - 10:55	Robotics in Endoscopic Skull Base Surgery	Prof. Francesco Doglietto
10:55 - 11:10	Endoscopic surgery for trigeminal neuralgia surgery	Dr. Sinan Barazi
11:10 - 11:25	Endoscopic and Minimally invasive surgery: Reducing risks not outcomes	Prof. Dr. Mohammed J Asha
11:25 - 11:40	Meningioma surgery: Advanced applications for genomics and radiomics	Dr. Mario Teo
11:40 - 11:55	Use of AI and Machine Learning in AVM surgery	Dr. Mohamed Samy ElHammady
11:55 - 12:10	The Supraorbital Eyebrow Approach: A modern gateway for skull base lesions	Dr. Abdu AlKhairy
12:10 - 12:30	Discussion	
12:30 - 13:15 LUNCH BREAK		
SESSION 3: ADVANCES IN COMPLEX SPINE SURGERY Moderators: Dr. Ahmed Quateen, Dr. Sameh Aboelfotouh		
Time	Topic	Speaker
13:15 - 13:30	Stem Cells in spinal fusion: From proof of concept to clinical experience	Dr. Anas Dyab
13:30 - 13:45	AI, Machine learning and Adult spine deformity surgery	Dr. Sameh Abolfotouh
13:45 - 14:00	Uncovering The Evidence: Recent Contributions to Everyday Neurosurgical Practice	Dr. Ahmed Ramadan Sadek
14:00 - 14:15	Robotic-assisted minimally invasive spine surgery: Towards fully autonomous	Dr. Aseem Alhaj
14:15 - 14:30	From scalpel to stimulation: Advancement in spine surgery and neuromodulation	Dr. Hassan Seif
14:30 - 14:45	New wrapping technique for the treatment of symptomatic sacral Tarlov cyst	Prof. Dr. Nicandro Figueiredo
14:45 - 14:55 COFFEE BREAK		
SESSION 4: OPENING CEREMONY AND OFFICIAL PRESENTATIONS		
Time	Topic	Speaker
15:00 - 15:15	Opening Ceremony and Welcome Remarks	
15:15 - 15:30	The Role of DOH in Promoting Culture of Excellence	TBC
15:30 - 15:45	SEHA Vision in Centre of Excellence	Mr. Saeed Jaber Al Kuwaiti
15:45 - 16:00	STMC - Endless Strive for Excellence	Dr. Sultan Alkaram
16:00 - 16:15	The Neuroscience Institute	Prof. Dr. Mohammed J Asha
16:15 - 17:00	Patient Testimonials	
17:00 - 17:20	Celebrating Our Patients and Outcomes: Group Photo	
18:00 - 20:00 GALA DINNER		



# AGENDA

## DAY 2 Sunday 12th Oct 2025

### SESSION 5: ADVANCED CEREBROVASCULAR AND SKULL BASE

Moderator: Dr. Jonathan Pollock, Dr. Sinan Barazi

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	Advances in Lateral Trans Orbital Approaches to skull base lesions	Dr. Calvin Mak
9:15 - 9:30	Microsurgical techniques for paraophthalmic aneurysms	Dr. 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	Management of IDH-mutant gliomas: New perspective and new hopes	Dr. Ahmed Allam
10:30 - 10:45	Management of IDH-mutant gliomas: New perspective and new hopes	Prof. Dr. Mohammed J Asha
10:45 - 11:00	COFFEE BREAK	

### SESSION 6: COMPLEX SPINE

Moderators: Prof. Dr. Nicandro Figueiredo, Prof. Abdul Karim Msaddi

Time	Topic	Speaker
11:00 - 11:25	Central or axial atlantoaxial instability - A potential revolution in the understanding of craniovertebral junction	Prof. Atul Goel
11:25 - 11:40	Minimally invasive TLIF: Tricks and tips	Dr. Imad Hashim
11:40 - 11:55	Complex and revision spine surgery: New insights into old problem	Dr. Thaer Darwish
11:55 - 12:25	Full adoption of endoscopic surgery: Lessons learnt from tubular surgery	Dr. Mohammed Arikat
12:25 - 12:40	TBC	Dr. Firas Husban
12:40 - 12:55	Trans articular anterior C1-C2 fixation: an innoivative surgical technique	Dr. Waseem Aziz
12:55 - 13:00	Discussion	

### 13:00 - 13:45 LUNCH BREAK

### PARALLEL SESSION 5: EPILEPSY AND NEUROMODULATION

Moderator: Dr. Hina 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 Asrani
9:40 - 10:00	VNS use in refractory epilepsy	Dr. Noha Solieman
10:00 - 10:10	BREAK	

### PARALLEL SESSION 6: EMERGING NEURODIAGNOSTICS AND NEUROMUSCULAR THERAPY

Moderator: 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. Mehtab Iqbal
11:20 - 11:40	Advancement in nuclear medicine and their role in dementia and other neuro degenerative disorders	Dr. Rizwan Syed
11:40 - 11:50	BREAK	

### PARALLEL SESSION 7: NEURO MONITORING AND NEUROMODULATION

Moderator: Dr. Tanmoy Maiti, Dr. Abdallah Al Kuwaiti

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	Botox, TENS machine, and CGRPs game changer in headache management	Dr. Naji Riachi
13:00 - 13:45	LUNCH BREAK	



# AGENDA

SESSION 7: PEDIATRICS NEUROSURGERY AND PERIPHERAL NERVE		
Moderator: Dr. Imad Hashim, Dr. Hassan Seif		
Time	Topic	Speaker
13:45 - 14:00	Novel philosophy in prevention of malignant transformation in peripheral nerve tumors in NF patients	Dr. Deborah Gorozzo
14:00 - 14:15	Selective microsurgical peripheral neurectomy versus selective posterior dorsal rhizotomy for spastic diplegia in CP children	Prof. Abdul Karim Msaddi
14:15 - 14:30	Expanding the Role of Neuroendoscopy in Complex Pediatric Hydrocephalus; Beyond ETV	Dr. Essam Elgamal
14:30 - 14:45	Peripheral Nerve Pain Relief: When surgery becomes the targeted option	Dr. Khaled Fares Al Ali
14:45 - 15:00	Trans cranial Doppler in management of patient with raised intracranial pressure in Pediatric patient	Dr. Anwar Ahmad
15:00 - 15:05	Discussion	

SESSION 8: CLINICAL CASES		
Moderator: Dr. Imad Hashim, Prof. Abdul Karim Msaddi		
Time	Topic	Speaker
15:05 - 15:50	Cranial Nightmare scenarios	Cranial Panel
16:35 - 0:45	Spinal Nightmare Scenarios	Spinal Panel
16:35 - 16:45	COFFEE BREAK	

SESSION 8: VASCULAR/ENDOVASCULAR		
Moderator: Dr. Ali Hassan, Dr. Jamal Alkoteesh		
Time	Topic	Speaker
13:45 - 14:00	Thrombolysis in DOAC treated patients: New concepts, same contraindication	Dr. Tiago Moreira
14:00 - 14:15	Distal thrombectomy: Waiting for the breakthrough	Dr. Mohammed El Sharkawy
14:15 - 14:30	Harnessing AI in telemedicine and pre-hospital triage of suspected stroke	Dr. Miklos Szolics
14:30 - 14:45	TBC	Dr. Essam Saleh
14:45 - 15:00	One-stop shop for mechanical thrombectomy: Are we ready?	Dr. Aiman Quateen
15:00 - 15:15	AI applications in neuroimaging of acute ischemic	Dr. Manzoor Ahmed
15:15 - 15:30	Minimally invasive surgery of intracerebral hemorrhage	Dr. Jawad Fazal
15:30 - 15:50	Discussion and closing Remarks	
15:50 - 16:05	COFFEE BREAK	

SESSION 10: FREE PAPER SESSIONS/ABSTRACT SUBMISSIONS		
Time	Topic	Speaker
16:45 - 16:55		
16:55 - 17:05		
17:05 - 17:15		
17:15 - 17:25		
17:25 - 17:35		
17:35 - 17:45		
17:45 - 18:00	CLOSURE AND BEST POSTER AND BEST PRESENTATION AWARD	Prof. Dr. Nicandro Figueiredo/ Prof. Dr. Mohammed J Asha