

The 20th ASEAN congress of Neurological Surgery

August 15-17th, 2023, Bangkok

Theme: *Collaboration & Harmonization in Neurosurgery*

7 Parts

A: Neuro-Oncology/Skull Base Surgery/Endo-sinus Surgery

B: Spine Surgery

C: Stroke

D: Neuro-Trauma/Critical Care

E: Pediatric/ Peripheral Nerve Surgery

F: Functional Neurosurgery

G: Neurosurgical nursing session

Scientific program at glance

Aug 15th, 2023

Time	Neuro-oncology & Sinus Surgery	Spine	Cerebrovascular	Neurotrauma & Critical care	Pediatrics / PNS	Functional Neurosurgery	Nursing
08:00-08:25	Educational Program						
08:25-08:50	Educational Program						
08:50-09:10	Educational Program						
09:15-10:30	Main Topic						
09:15-09:40	Neuro-oncology/Sinus Surgery	SPINE	CVS	Neurotrauma/Critical Care	Pediatrics / PNS	Functional	Nursing
09:40-10:05	Neuro-oncology/Sinus Surgery	SPINE	CVS	Neurotrauma/Critical Care	Pediatrics / PNS	Functional	Nursing
10:05-10:30	Neuro-oncology/Sinus Surgery	SPINE	CVS	Neurotrauma/Critical Care	Pediatrics / PNS	Functional	Nursing
10:30-10:45	Break						
10:45-12:00	Keynote Session						
12:00-13:00	Luceon Symposium						
13:00-13:30	Open Ceremony						
13:30-14:30	Open Ceremony						
15:00-15:30	High Tea Symposium						
15:30-16:45	Main Topic						
15:30-15:55	Neuro-oncology/Sinus Surgery	SPINE	CVS	Neurotrauma/Critical care	Pediatric/PNS	Functional	Nursing
15:55-16:20	Neuro-oncology/Sinus Surgery	SPINE	CVS	Neurotrauma/Critical care	Pediatric/PNS	Functional	Nursing
16:20-16:45	Neuro-oncology/Sinus Surgery	SPINE	CVS	Neurotrauma/Critical care	Pediatric/PNS	Functional	Nursing
16:45-17:30	Neuro-oncology/Sinus Surgery	SPINE	CVS	Neurotrauma/Critical care	Pediatric/PNS	Functional	Nursing
18:00-20:00	Welcome Reception						

Aug 16th, 2023

08:00-08:25	Educational Program						
08:25-08:50	Educational Program						
08:50-09:10	Neuro-oncology/Sinus surgery	Spine	Cerebrovascular	Neurotrauma/Critical care	Pediatrics/PNS	Functional Neurosurgery	Nursing
09:15-10:30	Main Topic						
09:15-09:40	Neuro-oncology/Sinus surgery	SPINE	CVS	Neurotrauma/Critical care	Pediatrics/PNS	Functional Neurosurgery	Nursing
09:40-10:05	Neuro-oncology/Sinus surgery	SPINE	CVS	Neurotrauma/Critical care	Pediatrics/PNS	Functional Neurosurgery	Nursing
10:05-10:30	Neuro-oncology/Sinus surgery	SPINE	CVS	Neurotrauma/Critical care	Pediatrics/PNS	Functional Neurosurgery	Nursing
10:30-10:45	Break						
10:45-12:00	Keynote Session						
12:00-13:00	Luceon Symposium						
13:00-13:30	Posture Presentation						
13:30-14:30	Plenary Session / Paper Presentation						
14:30-15:00	High Tea Symposium						
15:00-16:15	Main Topic						
15:00-15:25	Neuro-oncology/Sinus surgery	Spine	CVS	Neurotrauma/Critical care	Pediatrics/PNS	Functional Neurosurgery	Nursing
15:25-15:50	Neuro-oncology/Sinus surgery	Spine	CVS	Neurotrauma/Critical care	Pediatrics/PNS	Functional Neurosurgery	Nursing
15:50-16:15	Neuro-oncology/Sinus surgery	Spine	CVS	Neurotrauma/Critical care	Pediatrics/PNS	Functional Neurosurgery	Nursing
16:15-16:40	Neuro-oncology/Sinus surgery	Spine	CVS	Neurotrauma/Critical care	Pediatrics/PNS	Functional Neurosurgery	Nursing

Aug 17th, 2023

08:00-08:25	Educational Program						
08:25-08:50	Educational Program						
08:50-09:10	Neuro-oncology/Sinus surgery	Spine	Cerebrovascular	Neurotrauma/Critical care	Pediatrics/PNS	Functional Neurosurgery	Nursing
09:15-10:30	Main Topic						
09:15-09:40	Neuro-oncology/Sinus surgery	Spine	CVS	Neurotrauma/Critical care	Pediatrics/PNS	Functional Neurosurgery	Nursing
09:40-10:05	Neuro-oncology/Sinus surgery	Spine	CVS	Neurotrauma/Critical care	Pediatrics/PNS	Functional Neurosurgery	Nursing
10:05-10:30	Neuro-oncology/Sinus surgery	Spine	CVS	Neurotrauma/Critical care	Pediatrics/PNS	Functional Neurosurgery	Nursing
10:30-10:45	Break						
10:45-12:00	Keynote Session						
12:00-13:00	Luceon Symposium						
13:00-13:30	Closing ceremony						

Preferred Topics

Lists of Education session (6 Topics/Day)

edTopic		
edA1	Perioperative care in pituitary surgery	

edA2	Microsurgical and endoscopic anatomy of the sellar and parasellar regions	
edA3	Imaging of Pituitary and Parasellar Disorders	
edB1	Sagittal balance	
edB2	Endoscopic Spine surgery: Basic knowledge, indication and patient selection	
edB3	Endoscopic spine surgery: Surgical technique and case discussion	
edC1	Dangerous anastomosis of extracranial-intracranial arteries	
edC2	Classification of EC-IC bypass	
edC3	Spinal AV malformation classification	
	Cerebral Oximetry & Brain tissue oxygen tension	
edD1	Artificial intelligence guide monitoring and Future trend in Neuro-trauma care (Critical Care)	Management of Mild TBI
edD2	Cerebral blood flow monitoring, Autoregulation and somatic tissue oximetry reflection	Management of severe TBI

	cerebral oximetry (Critical care)	
edD3	Multimodality monitoring in Neuro-trauma care (Critical care)	Evolution of TBI management
edE1	Current trend in craniostomosis surgery	
edE2	How to perform ETV: complication avoidance	
edE3	Myelomeningocele and associated pathologies: practice management	
edF1	Principle of surgery for movement disorders	Emerging indication of DBS
edF2	Spinal cord stimulator for chronic pain	
edF3	Surgical treatment for spasticity	
Video A	Surgical technique for paraclinoid aneurysm	
Video B	Safe surgical corridor for brainstem cavernoma	
Video C	Transcondylar fossa approach for vertebro-basilar junction aneurysm	
Video D	Awake craniotomy for glioma	

Main topics (17x7=119)

mTopic	Neuro-oncology/Skull base/Sinus surgery	
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mA151	The 2021 WHO Classification of Tumors of the CNS	
mA152	Endovascular Techniques for Brain Tumor Embolization	
mA153	Current management of pineal region tumors	
mA154	Translabyrinthine and Transtemporal Approaches	
mA155	Hearing preservation in acoustic neuroma surgery	
mA156	Role of adjuvant radiotherapy in the management of meningioma	
mA157	Surgical techniques for petroclival region tumors	
mA161	Medical Management of Hormone-Secreting Pituitary Tumors	
mA162	The endoscopic pre-lacrimal approach: Indications and surgical techniques	
mA163	Reconstruction of the skull base defect	
mA164	Combined Endoscopic and Open Approaches in the Management of complex skull base tumors	
mA165	Endoscopic endonasal trans-clival trans-odontoid approach for ventral decompression of the craniovertebral junction	

mA166	Endoscopic surgery for malignancies of the sinus and skull base	
mA167		
mA171	Imaging Glioblastoma Posttreatment: Progression, Pseudoprogression, Pseudoresponse and Radiation Necrosis	
mA172	Update treatment of high-grade gliomas: from evidence-based to clinical practice	
mA173	Surgical management of low grade glioma	
	Spine	
mB151	Cervicothoracic spine fracture / dislocation injuries	
mB152	Thoracolumbar spine injuries: current trend of treatment	
mB153	Revision spine surgery ***	
mB154	Infections of Spine	
mB155	Inflammatory Spine disease	
mB156	Primary vertebral column tumors	
mB157	Sacropelvic fixation ***	Proximal junctional kyphosis
mB161	Approach in Spinopelvic syndrome	
mB162	SI joint pain ***	
mB163	Piriformis syndrome	

mB164	Overall Survival in spinal metastasis surgery	
mB165	Evaluation and management of intradural extramedullary spinal tumor	
mB166	MIS in spinal tumor	
mB167	Role of Atlantoaxial instrumentation in complicated craniovertebral junction disease	
mB171	Complication avoidance and management in cervical spine surgery	
mB172	Osteoporotic vertebral fracture	
mB173	Anterior Odontoid Screw: Technique and Pitfalls	
	Cerebrovascular	
mC151	Surgical management of intracranial giant aneurysm	
mC152	Surgical techniques for blood blister aneurysm	
mC153	Technical and outcomes of intrasacular device for wide neck aneurysm	
mC154	Update on mechanical thrombectomy for medium vessels occlusion (Mevo)	
mC155	Intracranial atherosclerosis; role of intracranial angioplasty with stent	

mC156	surgical strategies for MOYA MOYA disease	
mC157	Flow replacement VS flow augmentation for EC-IC bypass surgery	
mC161	Flow diverter treatment for distal location aneurysm	
mC162	Flow diverter treatment for ruptured intracranial aneurysm	
mC163	Endovascular treatment of bifurcation wide neck aneurysm	
mC164	Management of traumatic intracranial pseudoaneurysm	
mC165	Mechanical thrombectomy in ICAD patients	
mC166	Curative AVM embolization; how? and when?	
mC167	Treatment strategies for spinal AVM	
mC171	Middle meningeal artery embolization for chronic subdural hematomas; treatment outcomes	
mC172	Endovascular treatment for vasospasm	
mC173	Endoscopic approach for intracerebral hemorrhage; techniques and outcome	
	Critical care: Coagulation in Neuro-trauma care	Neuro-trauma

mD151	Role of platelet and coagulation factor	Noninvasive monitoring in TBI*
mD152	Cerebral Endotheliopathy in neuro-trauma	Pediatric TBI
mD153	New paradigm in viscoelasticity	Penetrating TBI
	Critical care: How to improve neuro-trauma & ICU care, perioperative aspects	Neuro-trauma
mD154	Basic physiology in perioperative neuro-monitoring	Novel treatment in TBI*
mD155	Pain assessment and management in neuro-trauma care	Decompressive in TBI*
mD156	Nutrition support in neuro-trauma care	Management if TBI in low-middle income country*
mD157	Ventilator management in Neuro-trauma	VTE prophylaxis in TBI
	Critical care: Post operative neuro-trauma complication and their relevance for Neuro-ICU	Neuro-trauma
mD161	Delirium and cognitive dysfunction	Role of cranial Ultrasound in TBI guided management*
mD162	Neuro-trauma and myocardial injury	Blunt cerebrovascular management*

mD163	Neuro-trauma and vasoplegia	Neuropsychological sequelae in TBI*
	Critical care: How to care & Neuro-protection in Neurotrauma	Neuro-trauma
mD164	Cerebral perfusion pressure and organ crosstalk in Neuro-trauma	ICP monitoring in TBI
mD165	Monitoring in subarachnoid hemorrhage	Seizure prophylaxis in TBI
mD166	Target temperature management and Brain resuscitation	Role of steroid in TBI
mD167	Pediatric Brain trauma and how to monitor	Outcome prediction of TBI*
	Critical care: Neurotrauma & Neurocritical care Collaboration	Neuro-trauma
mD171	How to collaborate Neurocritical care in worldwide society of critical care medicine, Future aspects	TBI in elderly
mD172	How to set Neuro-ICU in General surgical ICU resources	Long-term outcome after severe TBI*
mD173	Neuro-trauma in mass casualties' operation	Secondary insult after TBI
	Pediatric Neurosurgery	
mE151	Pediatric craniopharyngioma: where are we today?	
mE152	Optic pathway tumors: complexity and options	

mE153	Pediatric brainstem tumors: decision making**	
mE154	Treatment of medulloblastoma/ATRT in children	
mE155	Update in classification of spinal dysraphism	
mE156	Recurrent tethered cord syndrome	
mE157	Anterior sacral meningocele: how we do it?	
	PNS	
mE161	Novel techniques in peripheral nerve reconstruction	
mE162	Peripheral nerve surgery for movement disorders	
mE163	Peripheral nerve transfer for reconstruction of shoulder function	
mE164	Hypoglossal to facial nerve anastomosis	
mE165	Peripheral nerve surgery for the treatment of pain	
mE166	Peripheral nerve reconstruction for lower brachial plexus injury	
mE167	Peripheral ablation for intractable spasticity	
	Pediatric NS	PNS
mE171	Controversy in pediatric neurosurgery**	Spinal cord bypass surgery for

		restoration of motor function following spinal cord injury
mE172	Challenge in Chiari malformations management	Entrapment neuropathy of the lower extremity
mE173	Complicated hydrocephalus: multimodal evaluation and treatment	Neurosurgical management of peripheral nerve tumors
	Functional Neurosurgery	
mF151	Current surgical treatment of HH with epilepsy	
mF152	Epilepsy Surgery for Malformation of cortical development	SEEG for presurgical evaluation
mF153	Surgical options for mesial temporal lobe epilepsy	
mF154	LITT for intractable epilepsy	
mF155	Neuromodulation in epilepsy	
mF156	Rolandic epilepsy: Is resective surgery an option?	Surgery for Rolandic epilepsy
mF157	Resective surgery for LGS	
mF161	DBS in early stage of PD	
mF162	MRgFUS for movement disorder	
mF163	DBS for PD: MER guided vs image guided	
mF164	DTI and DBS targeting	
mF165	Robotic DBS surgery	

mF166	Image-based DBS programming	
mF167	Technological advancement of DBS	
mF171	Brain machine interface	
mF172	fMRI/DTI for non-invasive brain mapping	
mF173	Surgical treatment of neuropathic pain	
	Nursing session	
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	Preferred Keynote topics	
kA151	Cavernous sinus and Paraclinoid lesions	
kA152		
kA153		

kA161	Endoscopic Pituitary Surgery: Managing Giant Tumor and Cavernous Invasion	
kA162	Surgical Approach for Craniopharyngiomas	
kA163		
kA171	Current surgical management of high-grade gliomas	
kA172	Surgical Management of Cerebral Metastases	
kA173	Radiosurgery for Metastatic Brain Tumors	
	Cerebrovascular Autoregulation in Neurotrauma care	
kD151	How to set optimal target Neurotrauma in Neurocritical care	Professor Kiwon Lee, MD, FACP, FAHA, FCCM
kD152	New trend, What should you know and How to deal with CBF, CPP and ICP in Neuro-trauma care	Professor Kiwon Lee, MD, FACP, FAHA, FCCM
kD153	Innovation and Applied physiology in Neurocritical care	Professor Kiwon Lee, MD, FACP, FAHA, FCCM
kE161	Controversy in pediatric neurosurgery*	Prof.Schlomi Constantini
kE162		
kE163	Pediatric brainstem tumors: decision making**	Prof. Schlomi Constantini
kF171	Endoscopic hemispherotomy Technique Pediatric Epilepsy Surgery	

