

SCIENTIFIC
PROGRAM

“ Future
Through
The Portal(s) ”

17Th Thai SMISST 2026

23rd-26th
SEPTEMBER

CADAVERIC
WORKSHOP

CHAKRI NARUEBODINDRA
MEDICAL INSTITUTE
23-24, 2026

MAIN SCIENTIFIC
SESSION

NOVOTEL MARINA SRIRACHA
SEPTEMBER
25-26, 2026



2026
BANGKOK THAILAND

25TH SEPTEMBER 2026

ROOM 1

TIME	TOPIC	SPEAKER
07:30-08:30	Registration	
08.30-09.10	Presidential lecture (Present 8 min, Q&A 2 min)	Mod: Thanit Foocharoen, Woraphot Wichan
08.30-08.35	History of ThaiSMISST	Asst. Prof. Saran Pairuchvej
08.35-08.45	OLIF vs UBE fusion	Prof. Dong chan Lee
08.45-08.55	UBE for Ventral Pathology of Thoracic Spine	Assoc. Prof. Chang Chen Yang
08.55-09.05	TBC	Dr. Nurul Azwa Mohamad Noor
09.05-09.25	Honorary lecture (10 min)	Mod: Thanit Foocharoen, Woraphot Wichan
09.05-09.15	From Decompression to Motion Preservation: Advancing the Role of Endoscopic Spine Surgery	Assoc. Prof. Pornpavit Sriphirrom
09.15-09.25	TBC	Prof. Wiwat Wajanavisit
09.25-09.40	Opening Ceremony	Master of Ceremonies
	Introduction of ThaiSMISST	
	Congratulation speech by president of MESS	
	Congratulation speech by president of KOESS	
	Congratulation speech by president of TESS	
	Faculty Introduction by the president of organizing committee	
	Opening remarks	
09.40-10.00	Coffee Break (20 min)	
10.00-10.40	Special Topic (Present 8 min, Q&A 2 min)	Mod: Chang Il Ju, Wongthawat Liawrungrueang
10.00-10.10	Frontiers in Endoscopic spine surgery	Dr. Hyeun-Sung Kim
10.10-10.20	From Decompression to Stabilization: Where is Endoscopic Spine Surgery Heading?	Prof. Hayati Aygün
10.20-10.30	How important is Sagittal Balance in Endoscopic Spine Surgery	Dr. Antonio Faundez
10.30-10.40	Failure Patterns Following Endoscopic Lumbar Decompression	Prof. Dong Ah Shin
10.40-10.50	Expanding the Boundaries of Biportal Endoscopy: Ventral Decompression in the Cervical and Thoracic spine	Dr. Cheol Wung Park
10.50-12.00	Lumbar Spine (Present 8 min, Q&A 2 min)	Mod: Thinesh Kumaran, Akkapong Nitising
10.50-11.20	Navigation for L5S1 full endoscope transforaminal approach	Dr. Yi Hung Huang
11.00-11.10	Interlaminar Contralateral Endoscopic Lumbar Foraminotomy vs Transforaminal	Dr. Win Boonsirikamchai,
11.10-11.20	Biportal posterolateral oblique approach for Foraminal and Extraforminal lesions	Dr. An Chau
11.20-11.30	Optimizing the Docking Strategy for the Paraspinal Lumbar Approach in UBE	Dr. Thanit Foocharoen
11.30-11.40	How UBE Beyond the Limit: The Reason Behind	Assoc. Prof. Rattalerk Arunakul
11.40-11.50	Handedness in Lumbar UBE	Dr. Jomick Lumawig
11.50-12.00	Beyond the Portal: Navigation-Assisted Endoscopic Spine Surgery for Complex and Revision Cases	Dr. Chun Tseng
12.00-13.00	Lunch Symposium	
13.00-13.40	Case Discussion: Lumbar Spine (40 min)	Mod: Yuhsuan Chung, Gun Keorochana
13.00-13.10	1 st case	Dr. Naphong Buabut
13.10-13.20	2 nd case	Dr. Phanunan Sasiprapha
13.20-13.40	Panel Discussion: Hyeun-Sung Kim, Woraphot Wichan, Chien-min Chen, Nakagawa Yukihiro, Hayati Aygün	
13.40-14.50	Lumbar Spine (Present 8 min, Q&A 2 min)	Mod: Harmantya Mahadhipta, Urawit Piyapromdee
13.40-13.50	Bertolotti Syndrome : From Diagnosis to Endoscopic treatment	Dr. Chaisiri Chaichankul
13.50-14.00	Half Butterfly Technique for Far-Out Syndrome: A Unilateral Biportal Endoscopic En Bloc Resection of the Lumbosacral Ligament	Dr. Cheng-Ying Lee
14.00-14.10	Uniportal Endoscopic Approach for Extraforaminal Disc Herniation	Dr. Kuo Tai Chen
14.10-14.20	Do less get more: The Role of Selective Decompression in Fragile Patients	Dr. Nattharut Chaibhuddanugul
14.20-14.30	Beyond the Target Level: Rethinking Decompression in Lumbar Spinal Stenosis with Endoscopy	Prof. Hayati Aygün
14.30-14.40	Role of Spinal Navigation in the Treatment of Lumbar Degenerative Disease (MIS + endo)	Dr. Panyajarn Laohapornsvan
14.40-14.50	Minimizing complication in osteoporotic spine surgery	Assoc. Prof. Weerasak Singhatanadgige
14.50-15.10	Coffee Break (20 min)	
15.10-16.20	Complications Prevention and Management (Present 8 min, Q&A 2 min)	Mod: Murat Sayin, Siravich Suvithayasiri
15.10-15.20	Fluid Dynamic and ICP Management (VDO Presentation)	Dr. Son Sang Kyu
15.20-15.30	CNS complications following endoscopic spine surgery	Dr. Kelvin Lor Kah Ho
15.30-15.40	Hidden Risk in Endoscopic Spine Surgery: Diffusion Neurography Reveals Underrecognized Lumbar Nerve Root Anomalies	Dr. Nakagawa Yukihiro
15.40-15.50	Dural Tears in UBE: Prevention, Management and the learning curve	Dr. Tsung Cheng Yin
15.50-16.00	The LaRS and E-SAFE Techniques : Novel Strategies for Preventing Dural Tears in UBE	Dr. Seiji Yamaya
16.00-16.10	Hemodynamic and Physiologic Optimization in Endoscopic Spine Surgery: An Anesthesiologist's Perspective	Dr. Sirima Phooowanakulchai
16.10-16.20	Beyond technical success: How to manage imperfect surgical outcome	Dr. See-Yi Chen
17.00-18.00	ThaiSMISST Board Meeting	
18.00-22.00	Gala Dinner	



SCAN TO REGISTER

26TH SEPTEMBER 2026

ROOM 1

TIME	TOPIC	SPEAKER
08.00-09.00	Cervical Spine (Present 8 min, Q&A 2 min)	Mod: Dong chan Lee, Wiwat Wajanavisit
08.00-08.10	Posterior Endoscopic Cervical Foraminotomy(PECF)- A Primary or A Salvage Surgery	Assoc Prof. Ed Simor Khan
08.10-08.20	Full Endoscopic Decompression for CSM with Residual Central Cord Syndrome: Patient Selection and Surgical Technique	Dr. Thippatai Chaichompoo
08.20-08.30	Application of Biportal Endoscopic Technique in the Surgical Treatment of Cervical Disorders.	Prof. Lian Xiaofeng
08.30-08.40	Endo -ACDF for Cervical Spondylotic Myelopathy with Calcified Disc Herniation: Technical Innovation and Clinical Insight	Dr. Liang Yihao
08.40-08.50	Arthroscopic-Assisted Uni-Portal Spinal Surgery Combined with Kirschner Wire Anchoring for Cervical Spondylotic Radiculopathy	Dr. Wang Yang
08.50-09.00	Hemi laminectomy with foraminotomy in rigid non kyphotic cervical spine	Dr. Malcolm Pestonji
09.00-09.10	Decision Algorithm for Endoscopic approach in cervical pathology	Dr. Kang Taek Lim
09.10-09.50	Case discussion: Cervical Spine (40 minutes)	Mod: Wu Pang Hung, Suthipas Pongmanee
09.10-09.20	1 st case	Dr. Akarawit Asawasaksakul
09.20-09.30	2 nd case	Dr. Songwut Sirivitmaitree
09.30-09.50	Panel Discussion: Pornpavit Sriphirom, Malcolm Pestonji, Kang Taek Lim, Cheol Wung Park	
09.50-10.30	Thoracic Spine (Present 8 min, Q&A 2 min)	Mod: Hayati Aygün, Gun Keorochana
09.50-10.00	Full Endoscopic Thoracic Spinal Decompression under local anesthesia	Prof. Chang Il Ju
10.00-10.10	The clinical application of UBE ULBD for the treatment of thoracic Ossified Yellow Ligament	Assoc Prof. Wang Liang
10.10-10.20	Current indication for Endoscopic Spine Surgery in Thoracic Spine	Dr. Borriwat Santipas
10.20-10.30	Uniportal Thoracic discectomy the does and don't	Dr. Wu Pang Hung
10.30-10.50	Coffee Break (20mins)	
10.50-12.20	Endo-Fusion (Present 8 min, Q&A 2 min)	Mod: Chien-Min Chen, Akkapong Nitising
10.50-11.00	Dual-Cage Lumbar Interbody Fusion Through Biportal Endoscopic Spine Surgery: A Novel Endoscopic Technique	Dr. Atmaranjan Dash
11.00-11.10	Full Endoscopic Monoportal Fusion for degenerative lumbar spine	Dr. Shomansur Shatursunov
11.10-11.20	Full-Endoscopic TLIF with Bilateral Direct Foraminal Decompression	Dr. Chumpon Kakanan
11.20-11.30	Endoscopic Lumbar Interbody Fusion (EndoLIF): Current Evidence, Surgical Pearls, and Future Directions,	Dr. Lee Chun Lin
11.30-11.40	The TEXY Method (T-shaped Dual Expandable Cage with Y-slider) for Biportal TLIF and KLIF	Dr. Seiji Yamaya
11.40-11.50	Comparison of One-Year Clinical Outcomes between UBE-TLIF and Full Endoscopic-TLIF A single-surgeon retrospective cohort study	Dr. Abhirat Suepsing
11.50-12.00	UBE lumbar fusion: strategy, approach, technique and outcome	Dr. Denis Goranchuk
12.00-12.10	Erector spinae plane block augmentation following UBE TLIF	Dr. Songwut Sirivitmaitree
12.10-12.20	Clinical Application of Full-Visualization Uniportal Endoscopic Lumbar Fusion	Dr. Xiao Weiping
12.30-13.30	Lunch Symposium	
13.30-14.30	Free Paper Contest (Present 5 min, Q&A 2 min)	Mod: Wongthawat Liawrungrueang, Siravich Suvithayasiri
13.30-13.40	The Role of Percutaneous Endoscopic Debridement and Drainage in the Treatment Algorithm for Infectious Spondylodiscitis	Dr. Jiho Jung
13.40-13.50	Postoperative Spinal Epidural Hematoma(POSEH) in Full Endoscopic Spine Decompressive Surgery: A Case Series and Clinical Review on Drainage, Hemostasis, and Topical hemostatic agent	Dr. Yu-Hsuan Chung
13.50-14.00	Comparative Outcomes of Conventional Transforaminal Lumbar Interbody Fusion With Posterior Decompression Surgery Versus Endoscopic Foraminotomy Surgery in Stable Lumbar Foraminal Stenosis An Ambidirectional Cohort Study and 2-year outcome report	Dr.Tanyasinee Soonthornthum
14.00-14.10	Endoscopic Unilateral Laminotomy for Bilateral Decompression Versus Minimally Invasive Transforaminal Lumbar Interbody Fusion for Single-Level Low-Grade Degenerative Spondylolisthesis: A Randomized Controlled Non-inferiority Trial	Dr.Sirawit Wachirasakulchai
14.10-14.20	SubSightDent: A Fully Automated Deep Neural Network Tool for Measuring Endplate Bone Quality (EBQ)	Mr.Sompoom Sunpaweravong

Closing Ceremony



SCAN TO REGISTER

SECRETARY OFFICE OF THE 17th THAI SMISST

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25TH SEPTEMBER 2026

ROOM 2

TIME	TOPIC	SPEAKER
09.40-10.00	Coffee Break	
10.00-11.10	Lumbar Disc (Present 8 min, Q&A 2 min)	Mod: Seiji Yamaya, Nantawat Uttamo
10.00-10.10	Transforaminal endoscopic lumbar discectomy vs Percutaneous laser disc decompression : Clinical considerations and outcomes	Dr. Zakhiri Rashid
10.10-10.20	Transforaminal Versus Interlaminar Endoscopic Lumbar Discectomy for Lumbar Disc Herniation: From Comparison to Selection	Dr. Phattareeya Pholorajug
10.20-10.30	SCOT (Suprapedicular Circumferential Opening Technique) for inferiorly Migrated Disc Herniation	Dr. Byapak Paudel
10.30-10.40	Annular Repair in Endoscopic Lumbar Discectomy: A Narrative Review of Recurrence Prevention and Technical Demonstration Using Unilateral Biportal Endoscopy of Far-Out Compression in Bertolotti's Syndrome: Technical Note	Dr. Warayos Trathitephun
10.40-10.50	Central Disc Herniation: Interlaminar vs Transforaminal approach	Dr. Wongtong wangtaphan
10.50-11.00	Recurrent disc herniation: incidence and approach in a single centre	Dr. Mohd Zaim bin Mohd Rashid
11.00-11.10	Through the Right portal: Evidence and Expert consensus on Inside-Out vs Outside in TELD	Dr. Siravich Suvithayasiri
11.10-12.00	Which Endoscope? (Present 8 min, Q&A 2 min)	Mod: Chang Chen Yang, Luckchai Phonwijit
11.10-11.20	Endoscopic spine surgery, which scope is the most appropriate?	Dr. Woraphot Wichan
11.20-11.30	Digital and Intelligent Uniport Bichannel Dual-medium (UBD) Spinal Endoscopy Technology	Prof. Shisheng He
11.30-11.40	Beyond Uniportal vs Biportal: Choosing the Right Technique for the Right Patient	Dr. Panin Khemaprapa
11.40-11.50	What Have We Learned from the History of Lumbar Endoscopy Spine Surgery? - Mobile Uniport Dual Media ESS (MUDESS)	Prof. Zhaomin Zheng
11.50-12.00	Stop the War! Uniportal and Biportal Spine Surgery are Allies, Not Enemies: Tailoring the Approach to the Clinical Scenario	Dr. Luong Minh Quang
12.00-13.00	Lunch Symposium	
13.00-14.00	Lumbar Spine (Present 8 min, Q&A 2 min)	Mod: Shomansur Shatursunov, Kittipong Setrkraing
13.00-13.10	Full Endoscopic Decompression for Multiple-Level Lumbar Canal Stenosis	Dr. Wongthawat Liawrungrueang
13.10-13.20	Midline Biportal Endoscopy and Under-the-Cave Work: Reimagining UBE for Multilevel Lumbar Canal Stenosis	Dr. Atmaranjan Dash
13.20-13.30	Revision uniportal endoscopic lumbar spine surgery	Dr. Saran Jindahara
13.30-13.40	Reaching the Hidden Zone: UBE Paraspinal Decompression	Dr. Kitjaput Tiracharnvut
13.40-13.50	Dural sleeve medialization and bleeding control in uniportal endoscopic lumbar discectomy	Dr. Yudha Mathan Sakti
13.50-14.00	Endoscopic lumbar spine surgery in spondylodiscitis/epidural abscess (Interlaminar approach, surgical technique)	Dr. Pritsanai Pruttikul
14.00-14.50	Spinal Pain Management (Present 8 min, Q&A 2 min)	Mod: Rully Hanafi Dahlan, Varisa Wongbhanuwich
14.00-14.10	Basivertebral Nerve Ablation (BVNA), trick or treat?	Prof. Nanthasorn Zinboonyahagoon
14.10-14.20	Lumbar Discogenic Pain: New RF intervention techniques and EBM review	Dr. Rajendra Tiruchelvarayan
14.20-14.30	Low Back Pain: Are We Treating the Right Problem?	Dr. Songrit Vuttipongkul
14.30-14.40	When Spine Surgery may not be the best option	Prof. Dong Ah Shin
14.40-14.50	Neurosurgical Diseases that Spine Surgeon Must Know	Asst Prof. Luckchai Phonwijit
14.50-15.10	Coffee Break	
15.10-16.20	Cervical Spine (Present 8 min, Q&A 2 min)	Mod: Ed Simor Khan, Chumpon Kakanan
15.10-15.20	Biportal Endoscopy in cervical myelopathy, the updated evidence	Dr. Pawin Gajasen
15.20-15.30	Posterolateral Uniportal Endoscopy for Cervical Central Disc: Feasible or Too Risky?	Assoc Prof. Gun Keorochana
15.30-15.40	Role of UBE in Cervical Myelopathy	Dr. Nantawat Uttamo
15.40-15.50	Uniportal Endoscopic cervical foraminotomy in morbid obesity	Dr. Piyanat Wangsawatwong
15.50-16.00	Anatomy-guided Uniportal Endoscopic Decompression for Cervical Myelopathy.	Dr. Yu-Hsuan Chung
16.00-16.10	Role of Endoscopic Spine Surgery in Cervical Metastasis	Dr. Suppachai Punpichet
16.10-16.20	Expanding the Indications for Endoscopic Spine Surgery: Upper Cervical Pathologies	Dr. Saidileep Viswanadha



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26TH SEPTEMBER 2026

ROOM 2

TIME	TOPIC	SPEAKER
08.00-09.00	Expanding the Indications (Present 8 min, Q&A 2 min)	Mod: Nurul Azwa Mohamad Noor, Komkrich Wattanapaiboon
08.00-08.10	Advanced Spinoscopic Solutions for Complex Spinal Pathologies	Dr. Chien-min Chen
08.10-08.20	Endoscopic management for Kyphoplasty complications	Dr. Varisa Wongbhanuwich
08.20-08.30	Endoscopic Medial Facetectomy for Degenerative Deformity Correction: How to prevent instability?	Dr. Bambang Darwono
08.30-08.40	Endoscopic management for lumbar congenital stenosis : Pearl and pitfalls	Dr. Chaiyaporn Siramanakul
08.40-08.50	UBE and hemivertebral resection	Assoc Prof. Yingyong Torudom
08.50-09.00	Decompression Alone in Degenerative Lumbar Scoliosis: When Is Less Enough?	Dr. Piya Chavalparit
09.00-10.30	MIS (Present 8 min, Q&A 2 min)	Mod: Antonio Faundez, Luckchai Phonwijit
09.00-09.10	Endoscopic/MIS solution for Revision Spine Surgery	Dr. Kanathip Jitpakdee
09.10-09.20	Minimally Invasive Surgical Strategies for Spinal Metastases: Preserving Activities of Daily Living and Quality of Life	Assoc Prof. Yuzuke Oshita
09.20-09.30	MISS in Cervical Spondylotic Myelopathy : Patient selection, technique and outcome	Dr. Rully Hanafi Dahlan
09.30-09.40	3-Cm Cervical Laminoplasty: Open-door Plasty for Early Recovery Approach (OPERA)	Dr. Wataru Narita
09.40-09.50	cervical disc replacment : evidence and surgical technique	Dr. Thinesh Kumaran Jaya Raman
09.50-10.00	En Bloc Discectomy in Lumbar Disc Replacement: Technical Note	Dr. Harmantya Mahadhipta
10.00-10.10	Minimally Invasive Scoliosis Surgery in Large Curves More than 80 degree	Dr. Seung Woo Suh
10.10-10.20	OLIF in Degenerative Lumbar Diswase technique, tips and pitfalls	Panapol Varakornpipat
10.20-10.30	Minimally Invasive Solutions for Osteoporotic Vertebral Compression Fractures: Focus on Kyphoplasty	Dr. Titinat Maihom
10.30-10.50	Coffee Break (20mins)	
10.50-12.20	Expanding the Indications (Present 8 min, Q&A 2 min)	Mod: Luong Minh Quang, Natakarn Nugform
10.50-11.00	Endoscopic spine surgery is a shift of paradigm or just another option	Dr. Dakhir Abukov
11.00-11.10	Endoscopic Contralateral Transaxillary Discectomy for Recurrent Disc Herniation	Dr. Thinesh Kumaran Jaya Raman
11.10-11.20	Endoscopic pars repair with smiley face rod technique	Dr. Matee Phakawetch
11.20-11.30	Biportal Endoscopic Resection of Intradural Tumor: Surgical technical Tips and Tricks	Dr. Pawalee Dowsiroj
11.30-11.40	Extreme and Unique cases for Full Endoscopic Spine Surgery	Assoc Prof. Murat Sayin
11.40-11.50	Endoscopic ventral corridor access (cervical lumbar)	Dr. Aaron Tan Yew Chin
11.50-12.00	Deep gluteal pain syndrome: Endoscopic piriformis release compare uniportal vs biportal	Dr. Chok-anan Rittipoldech
12.00-12.10	Navigation-Assisted Unilateral Biportal Endoscopic Decompression	Dr. Warayos Trathitephun
12.10-12.20	AUSS/UNSES Technology in Spinal Meningioma Treatment	Dr. Pei Liubao
12.30-13.30	Lunch Symposium	
13.30-14.30	Nurse Session (Present 8 min, Q&A 2 min)	Mod: Varisa Wongbhanuwich, Natakarn Nugform
13.30-13.40	The Effects of a Pressure Ulcer Prevention Program in Patients with Spine Surgery	Waranya Paksa, Jaruwan Laemthaisong
13.40-13.50	Operation room and instrument setup for 360 MIS spine surgery Common pitfall & How to prevent	Nuttawut Mapame
13.50-14.00	Road to Specific HA of Endoscopic Spine Surgery in TH1	Pratummas Antasa, Suputtra Maneechay
14.00-14.10	Intraoperative Nursing Care in Uniportal and Biportal endoscopic spine surgery	Janjira Jarupat, Gongamon Meesabai
14.10-14.20	TBC	TBC
14.20-14.30	TBC	TBC

Closing Celemony



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