

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

ROOM 1

25th SEPTEMBER 2026

TIME	TOPIC	Speaker
07:30-08:30	Registration	
08.30-09.10	Presidential lecture (Present 8 min, Q&A 2 min)	Moderator:
08.30-08.40		ThaiSMISST President
08.40-08.50	OLIF vs UBE fusion	Prof. Dong chan Lee
08.50-09.00	UBE for Ventral Pathology of Thoracic Spine	Asst. Prof. Chang chen Yang
08.50-09.00		Dr. Nurul Azwa Mohamad Noor
09.10-09.30	Honorary lecture (10 min)	Moderator:
09.10-09.20	From Decompression to Motion Preservation: Advancing the Role of Endoscopic Spine Surgery	Assoc. Prof. Pornpavit Sriphrom
09.20-09.30		Prof. Wiwat Wajanavisit
9.30-10.00	Opening Ceremony Introduction of ThaiSMISST Congratulation speech by president of MESS Congratulation speech by president of KOESS Congratulation speech by president of TSESS Faculty Introduction by the president of organizing committee Opening remarks	Master of Ceremonies
10.00-10.20	Coffe Break (20 min)	
10.20-11.00	Special Topic (Present 8 min, Q&A 2 min)	Moderator:
10.20-10.30	Frontiers in Endoscopic spine surgery	Dr. Hyeun-Sung Kim
10.30-10.40	From Decompression to Stabilization: Where is Endoscopic Spine Surgery Heading?	Prof. Hyati Aygun
10.40-10.50	How important is Sagittal Balance in Endoscopic Spine Surgery	Dr. Antonio Faundez
10.50-11.00	Failure Patterns Following Endoscopic Lumbar Decompression	Prof. Dong Ah Shin
11.10-11.20	Expanding the Boundaries of Biportal Endoscopy: Ventral Decompression in the Cervical and Thoracic spine	Dr. Cheol Wung Park
11.10-12.20	Lumbar Spine (Present 8 min, Q&A 2 min)	Moderator:
11.10-11.20	Through the Right portal: Evidence and Expert consensus on Inside-Out vs Outside in TELD	Dr. Siravich Suwityasiri
11.20-11.30	Navigation for L5S1 full endoscope transforaminal approach	Dr. Yi Hung Huang
11.30-11.40	Interlaminar Contralateral Endoscopic Lumbar Foraminotomy vs Transforaminal	Dr. Win Boonsirakamchai,
11.40-11.50	Biportal posterolateral oblique approach for Foraminal and Extraforaminal lesions	Dr. An Chau
11.50-12.00	Optimizing the Docking Strategy for the Paraspinal Lumbar Approach in UBE	Dr. Thanit Foocharoen
12.00-13.00	Lunch Symposium	
13.10-13.50	Case Discussion: Lumbar Spine (40 min)	Moderator:
13.10-13.20		Assoc Prof. Gun Keorachana
13.20-13.30		Dr. Phanun Sasirapha
13.30-13.40		
13.40-13.50		
13.50-15.10	Lumbar Spine and Fusion (Present 8 min, Q&A 2 min)	Moderator:
13.50-14.00	Bertolotti Syndrome : From Diagnosis to Endoscopic treatment	Dr. Chaisiri Chaichankul
14.00-14.10	Half Butterfly Technique for Far-Out Syndrome: A Unilateral Biportal Endoscopic En Bloc Resection of the Lumbosacral Ligament	Dr. Cheng-Ying Lee
14.10-14.20	Do less get more: The Role of Selective Decompression in Fragile Patients	Nattharut Chaibhuddanugul
14.20-14.30	Beyond the Portal: Navigation-Assisted Endoscopic Spine Surgery for Complex and Revision Cases	Chun Tseng
14.30-14.40	Handedness in Lumbar UBE	Jomick Lumawig
14.40-14.50	Dural sleeve medialization and bleeding control in uniportal endoscopic lumbar discectomy	Dr. Yudha Mathan Sakti
14.50-15.00	Minimally Invasive Solutions for Osteoporotic Vertebral Compression Fractures: Focus on Kyphoplasty	Dr. Titinat Mailhom
15.00-15.10	Minimizing complication in osteoporotic spine surgery	Assoc Prof. Weerasak Singhatanadgige
15.10-15.30	Coffe Break (20 min)	
15.30-16.20	Complications Prevention and Management (Present 8 min, Q&A 2 min)	Moderator
15.30-15.40	Fluid Dynamic and ICP Management (VDO Presentation)	Dr. Son Sang Kyu
15.40-15.50	CNS complications following endoscopic spine surgery	Dr. Kelvin Lor Kah Ho
15.50-16.00	Hidden Risk in Endoscopic Spine Surgery: Diffusion Neurography Reveals Underrecognized Lumbar Nerve Root Anomalies	Dr. Nakagawa Yukihiro
16.00-16.10	Dural Tears in UBE: Prevention, Management and the learning curve	Dr. Tsung Cheng Yin
16.10-16.20	The LaRS and E-SAFE Techniques : Novel Strategies for Preventing Dural Tears in UBE	Dr. Seiji Yamaya
16.20-16.30	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

ROOM 1

26th SEPTEMBER 2026

TIME	TOPIC	Speaker
08.30-09.30	Cervical Spine (Present 8 min, Q&A 2 min)	Moderator
08.30-08.40	Posterior Endoscopic Cervical Foraminotomy(PECF)- A Primary or A Salvage Surgery	Assoc Prof. Ed Simor Khan
08.40-08.50	Full Endoscopic Decompression for CSM with Residual Central Cord Syndrome: Patient Selection and Surgical Technique	Dr. Thippatai Chaichompoo
08.50-09.00	Application of Biportal Endoscopic Technique in the Surgical Treatment of Cervical Disorders.	Prof. Lian Xiaofeng
09.00-09.10	Biportal Endoscopy in cervical myelopathy, the updated evidence	Dr. Pawin Gajasenl
09.10-09.20	Hemi laminectomy with foraminotomy in rigid non kyphotic cervical spine	Dr. Malcolm Pestonji
09.20-09.30	Decision Algorithm for Endoscopic approach in cervical pathology	Dr. Kang Taek Lim
09.30-10.10	Case discussion: Cervical Spine (40 minutes)	Moderator
09.30-09.40		Dr. Akarawit Asawasaksakul
09.40-09.50		Dr. Songwut Sirivitmaitree
09.50-10.00		
10.00-10.10		
10.10-11.00	Thoracic Spine (Present 8 min, Q&A 2 min)	Moderator
10.10-10.20	Full Endoscopic Thoracic Spinal Decompression under local anesthesia	Prof. Chang Il Ju
10.20-10.30	The clinical application of UBE ULBD for the treatment of thoracic Ossified Yellow Ligament	Assoc Prof. Wang Liang
10.30-10.40	Current Indication for Endoscopic Spine Surgery in Thoracic Spine	Dr. Borriwat Santipas
10.40-10.50	Uniportal Thoracic discectomy the does and don't	Dr. Wu Pang Hung
10.50-11.10	Coffee Break (20mins)	
11.10-12.30	Endo-Fusion (Present 8 min, Q&A 2 min)	Moderator:
11.10-11.20	Dual-Cage Lumbar Interbody Fusion Through Biportal Endoscopic Spine Surgery: A Novel Endoscopic Technique	Dr. Atmaranjan Dash
11.20-11.30	Full Endoscopic Monoportal Fusion for degenerative lumbar spine	Dr. Shomansur Shaturunov
11.30-11.40	Full-Endoscopic TLIF with Bilateral Direct Foraminal Decompression	Dr. Chumpon Kakanan
11.40-11.50	Endoscopic Lumbar Interbody Fusion (EndoLIF): Current Evidence, Surgical Pearls, and Future Directions.	Dr. Lee Chun Lin
11.50-12.00	The TEXY Method (T-shaped Dual Expandable Cage with Y-slider) for Biportal TLIF and KLIF	Dr. Seiji Yamaya
12.00-12.10	Comparison of One-Year Clinical Outcomes between UBE-TLIF and Full Endoscopic-TLIF A single-surgeon retrospective cohort study	Dr. Abhirat Suepsing
12.10-12.20	UBE lumbar fusion: strategy, approach, technique and outcome	Dr. Dennis Gorachuk
12.20-12.30	Erector spinae plane block augmentation following UBE TLIF	Dr. Songwut Sirivitmaitree
12.30-13.30	Lunch Symposium	Moderator
13.30-14.30	Free Paper Contest (Present 5 min, Q&A 2 min)	Moderator
15.00-15.20	Coffee Break (20 min)	
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16.10-16.20		
16.20-16.30	Closing Ceremony	

SECRETARY OFFICE OF THE 17th THAI SMISST

OFFICE: ORTHOPEDIC DEPARTMENT OF THABO CROWN PRINCE HOSPITAL.
 161 MOO 13, NONG SONG HONG-SI CHIANG MAI ROAD,
 THA BO SUB-DISTRICT, THA BO DISTRICT, NONG KHAI PROVINCE 43110

EMAIL: SECRETARIATTHAISMISSST@GMAIL.COM
 WEBSITE: WWW.THAISMISSST.COM
 FACEBOOK: THAI SOCIETY OF MIS SURGERY AND TECHNIQUES - THAISMISSST
 TEL: +6666-240-92532



SCAN TO REGISTER

ROOM 2

25th SEPTEMBER 2026

TIME	TOPIC	Speaker
10.00-10.20	Coffee Break	
10.20-11.00	Lumbar Disc (Present 8 min, Q&A 2 min)	Moderator:
10.20-10.30	Transforaminal endoscopic lumbar discectomy vs Percutaneous laser disc decompression : Clinical considerations and outcomes	Dr. Zakhiri Rashid
10.30-10.40	Transforaminal Versus Interlaminar Endoscopic Lumbar Discectomy for Lumbar Disc Herniation: From Comparison to Selection	Dr. Phattareeya Pholrajug
10.40-10.50	SCOT (Suprapedicular Circumferential Opening Technique) for inferiorly Migrated Disc Herniation	Dr. Byapak Paudel
10.50-11.00	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 Trahtitphun
11.10-11.20	Recurrent disc herniation: incidence and approach in a single centre	Dr. Mohd Zaim bin Mohd Rashid
11.10-12.00	Which Endoscope? (Present 8 min, Q&A 2 min)	Moderator:
11.10-11.20	Endoscopic spine surgery, which scope is the most appropriate?	Dr. Woraphot Wichan
11.20-11.30	Digital and Intelligent Uniportal 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 Khemaprappa
11.40-11.50	What Have We Learned from the History of Lumbar Endoscopy Spine Surgery? - Mobile Uniportal 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	
13.10-13.50	Lumbar Spine (Present 8 min, Q&A 2 min)	
13.10-13.20	Beyond the Target Level: Rethinking Decompression in Lumbar Spinal Stenosis with Endoscopy	Prof. Hyati Aygun
13.20-13.30	Full Endoscopic Decompression for Multiple-Level Lumbar Canal Stenosis	Dr. Wongthawat Liawrungrueang
13.30-13.40	Midline Biportal Endoscopy and Under-the-Cave Work: Reimagining UBE for Multilevel Lumbar Canal Stenosis	Dr. Almaranjan Dash
13.40-13.50	Revision uniportal endoscopic lumbar spine surgery	Dr. Saran Jindahara
13.50-14.00	Decompression Alone in Degenerative Lumbar Scoliosis: When Is Less Enough?	Dr. Piya Chavalparit
14.00-14.10	Endoscopic spine surgery is a shift of paradigm or just another option	Dr. Dakhr Abukov
14.10-14.20	Endoscopic lumbar spine surgery in spondylodiscitis/epidural abscess (Interlaminar approach, surgical technique)	Dr. Pritsanai Pruttikul
14.20-15.10	Spinal Pain Management (Present 8 min, Q&A 2 min)	Moderator:
14.20-14.30	Basivertebral Nerve Ablation (BVNA), trick or treat?	Prof. Nanthasorn Zinboonyahagoon
14.30-14.40	Lumbar Discogenic Pain: New RF intervention techniques and EBM review	Dr. Rajendra Tiruchelvarayan
14.40-14.50	Low Back Pain: Are We Treating the Right Problem?	Dr. Songrit Vuttipongkul
14.50-15.00	When Spine Surgery may not be the best option	Prof. Dong Ah Shin
15.00-15.10	Neurosurgical Diseases that Spine Surgeon Must Know	Asst Prof. Luckchai Phonwijt
15.10-15.30	Coffee Break	
15.30-16.20	Cervical Spine (Present 8 min, Q&A 2 min)	Moderator:
15.30-15.40	Mastering Cervical Decompression with Unilateral Biportal Endoscopy: Techniques, Pitfalls, and Pearls	Dr. Man Kyu Park
15.40-15.50	Posterolateral Uniportal Endoscopy for Cervical Central Disc: Feasible or Too Risky?	Assoc Prof. Gun Keorochana
15.50-16.00	Role of UBE in Cervical Myelopathy	Dr. Nantawat Uttamo
16.00-16.10	Uniportal Endoscopic cervical foraminotomy in morbid obesity	Dr. Piyarat Wangsawatwong
16.10-16.20	Anatomy-guided Uniportal Endoscopic Decompression for Cervical Myelopathy	Dr. Yu-Hsuan Chung
16.20-16.30	UBE for Cervical Pathology: Indications, Techniques, and Pitfalls	Dr. Kijaput Tiracharnvut
16.0-16.40	Role of Endoscopic Spine Surgery in Cervical Metastasis	Dr. Suppachai Pungpichet

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SCAN TO REGISTER

ROOM 2

26th SEPTEMBER 2026

TIME	TOPIC	Speaker
08.30-09.20	Expanding the Indications (Present 8 min, Q&A 2 min)	Moderator:
08.30-08.40	Advanced Spinoscopic Solutions for Complex Spinal Pathologies	Dr. Chien-min Chen
08.40-08.50	Endoscopic management for Kyphoplasty complications	Dr. Varisa Wongphanwich
08.50-09.00	Endoscopic Medial Facetomy for Degenerative Deformity Correction: How to prevent instability?	Dr. Bambang Darwono
09.00-09.10	Endoscopic management for lumbar congenital scoliosis : Pearl and pitfalls	Dr. Chaiyaporn Siramanakul
09.10-09.20	AUSSUNSES Technology in Spinal Meningioma Treatment	Dr. Pei Liubao
09.20-09.30	UBE and hemivertebral resection	Assoc Prof. Yingyong Torudom
09.20-10.10	MIS (Present 8 min, Q&A 2 min)	Moderator:
09.20-09.30	Minimally Invasive Surgical Strategies for Spinal Metastases: Preserving Activities of Daily Living and Quality of Life	Assoc Prof. Yuzuke Oshita
09.30-09.40	MIS in Cervical Spondylotic Myelopathy : Patient selection, technique and outcome	Dr. Rully Hanafi Dahlan
09.40-09.50	3-Cm Cervical Laminoplasty: Open-door Plasty for Early Recovery Approach (OPERA)	Dr. Wataru Nanita
09.50-10.00	cervical disc replacement : evidence and surgical technique	Dr. Thinesh Kumaran Jaya Raman
10.00-10.10	Minimally Invasive Scoliosis Surgery in Large Curves More than 80 degree	Dr. Seung Woo Suh
10.10-10.20	En Bloc Discectomy in Lumbar Disc Replacement: Technical Note	Dr. Hamantya Mahadhipta
10.20-10.30	OLIF in Degenerative Lumbar Disc disease technique, tips and pitfalls	Panapol Varakornpipat
10.30-10.40	Lumbar disc replacement: motion restoration before fusion	Dr. Thinesh Kumaran Jaya Raman
10.40-10.50	Role of Spinal Navigation in the Treatment of Lumbar Degenerative Disease (MIS + endo)	Dr. Panyojam Laohapornsvan
10.50-11.10	Coffee Break (20mins)	
11.10-12.30	Expanding the Indications (Present 8 min, Q&A 2 min)	Moderator:
11.10-11.20	Extreme and Unique cases for Full Endoscopic Spine Surgery	Assoc Prof. Murat Sayin
11.20-11.30	Endoscopic pars repair with smiley face rod technique	Dr. Mathee Phakawetch
11.30-11.40	UNSESAUSS in craniocervical junction disorders	Dr. Deng Youwen
11.40-11.50	Expanding the Indications for Endoscopic Spine Surgery: Upper Cervical Pathologies	Dr. Saidileep Viswanadha
11.50-12.00	Deep gluteal pain syndrome: Endoscopic piriformis release compare uniportal vs biportal	Dr. Chok-anan Rittipoldech
12.00-12.10	Endoscopic ventral corridor access (cervical lumbar)	Aaron Tan Yew Chin
12.30-13.30	Lunch Symposium	Moderator
12.30-12.40		
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13.30-14.10	Nurse Session (Present 8 min, Q&A 2 min)	Moderator:
13.30-13.40	The Effects of a Pressure Ulcer Prevention Program in Patients with Spine Surgery	Waranya Paksa, Jaruan Laemthaisong
13.40-13.50	Operation room and instrument setup for 360 MIS spine surgery Common pitfall & How to prevent	Nuttawut Mapame
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15.10-15.20	Coffee Break	
15.20-16.10	Nurse Session 2 (Present 8 min, Q&A 2 min)	Moderator:
15.20-15.30		
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16.00-16.10		
16.10-16.20		
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