

MINIMALLY INVASIVE
MAXIMALLY EFFECTIVE

APITS × TSTS

The Asia-Pacific Innovative Thoracic
Surgery Symposium
(Asian Single Port VATS Symposium)

2026 Annual Meeting of the
Taiwan Society of Thoracic Surgeons

July 11-12, 2026

📍 Taipei International Convention Center

Daily Program



APITS & TSTS 2026 Daily Program

Room 102

July 11, (Sat.), 2026

07:30-08:00 Registration

08:00-09:00 Abstract Session I (APITS)

Moderators Mong-Wei Lin (Taiwan), Yi-Cheng Wu (Taiwan), Christopher Cao (Australia)

09:00-09:30 Opening

Master of Ceremonies: Yin-Kai Chao (Taiwan)

09:30-10:00 Plenary Session

Speaker **Chong-Liang Shi (Taiwan)**

10:00-10:30 Break

10:30-11:30 Session A

Frontiers in Robotic Thoracic Surgery and Emerging Surgical Platforms

Moderators Yin-Kai Chao (Taiwan), Han-Shui Hsu (Taiwan), Takashi Suda (Japan)

10:30-10:42 The New Era of Robotic Thoracic Surgery: From Multiport to Single-Port Systems

Yin-Kai Chao (Taiwan)

10:42-10:54 The Future of Minimally Invasive Thoracic Surgery: What is expected of a robot?

Takashi Suda, (Japan)

10:54-11:06 TBD

Wilson Tsai (USA)

11:06-11:18 Davinci 5: Gamer Changer for Thoracic Surgery?

Seong Yong Park (South Korea)

11:18-11:30 TBD

TBD

11:30-12:30 Session B

The Outside-Cage Revolution in Intrathoracic Operations

Moderators Tsai-Wang Huang (Taiwan), Hung-I Lu (Taiwan), Takeo Fujita (Japan)

11:30-11:42 Technical Aspects and Short-Term Outcomes of Robot-Assisted Transcervical Esophagectomy (RACE)”

Takeo Fujita (Japan)

11:42-11:54 Robotic Subcostal Esophagectomy Using SP System

Hyun Koo Kim (South Korea)

11:54-12:06 Robotic Subcostal Complex Lung Surgery

Yin-Kai Chao (Taiwan)

12:06-12:18 Recent Advancement of Submucosal Endoscopy: Peroral Endoscopic Myotomy

Ching-Tai Lee (Taiwan)

12:18-12:30 Recent Update of ESD for Esophageal Cancer

Tzu-Ping Chen (Taiwan)

12:30-13:30 Lunch Symposium I

14:00-15:00 Session C

Innovations and Future Direction in Esophageal Surgery

Moderators Jang-Ming Lee (Taiwan), Po-Kuei Hsu (Taiwan), Chang Hyun Kang (South Korea)

14:00-14:08 Recent Innovation in Esophageal Surgery

Po-Kuei Hsu (Taiwan)

14:08-14:20 How Robotics Refines Surgical Techniques in Esophagectomy

Chang Hyun Kang (South Korea)

14:20-14:32 Single-Port Robotic-Assisted Esophagectomy

Jang-Ming Lee (Taiwan)

14:32-14:44 Single vs Multi-Port Esophagectomy: Comparative Insights

Seong Yong Park (South Korea)

14:44-14:56 Current status of esophageal cancer surgery in Japan and actual treatment strategy in NCCHE

Takeo Fujita (Japan)

14:56-15:00 Discussion

15:00-15:30 Break

15:30-17:10 Session D

Advanced Lung Surgery with VATS and RATS: Evidence-Based Practice,
Complex Procedures, and Intraoperative Crisis Management

Moderators Yau-Lin Tseng (Taiwan), Yih-Gang Goan (Taiwan), Jiun-Yi Hsia (Taiwan), Ming-Ho Wu (Taiwan), Firas Abu Akar (Israel)

15:30-16:00 (I) Debate: VATS vs Robotic Lung Surgery — Precision or Pragmatism?

15:30-15:42 Robotics Defines the Next Era of Lung Cancer Surgery
Christopher Cao (Australia)

15:42-15:54 TBD
Diego Gonzalez Rivas (Spain)

15:54-16:00 Rebuttal and Discussion

16:00-16:30 (II) The Ultimate Uniportal Challenge: Sleeve Resection by VATS, Robotic Xi, and Robotic SP

16:00-16:08 Xi approach
Yau-Lin Tseng (Taiwan)

16:08-16:16 SP approach
Hyun Koo Kim (South Korea)

16:16-16:24 VATS approach
Firas Abu Akar (Israel)

16:24-16:30 Discussion

16:30-16:50 (III) Crisis and Recovery in Minimally Invasive Thoracic Surgery: From VATS to Robotics

16:30-16:40 Troubleshooting Intraoperative Challenges in VATS
Hong Kwan Kim (South Korea)

16:40-16:50 Managing Intraoperative Emergencies in Robotic Lung Surgery
Aneez D.B. Ahmed (Singapore)

16:50-17:00 (IV) The Art of Decision: Integrating Van Gogh into the Robotic Era of Lung Surgery

Integrating Van Gogh into Robotic and Minimally Invasive Lung Surgery: From Biopsy to Decision Making

Wilson Tsai (USA)

17:00-17:10

(V) Pediatric VATS

Uniport VATS in Pediatrics

Firas Abu Akar (Israel)

18:30-21:30

Gala Dinner

Grand Ballroom II, 3F Grand Hyatt Taipei

APITS & TSTS 2026 Daily Program

Room 103

July 11, (Sat.), 2026

07:30-08:00 Registration

09:00-10:00 Live Streaming from Room 102

10:00-10:30 Break

10:30-12:30 SEATS/SECT/KSTS/TSTS Joint Meeting

Moderators Shah-Hwa Chou (Taiwan), Wu-Wei Lai (Taiwan), Hyun Koo Kim (South Korea), Aneez D.B. Ahmed (Singapore), Seong Yong Park (South Korea)

10:30-11:06 SEATS

10:30-10:42 TBD

TBD

10:42-10:54 TBD

TBD

10:54-11:06 TBD

TBD

11:06-11:18 SECT

TBD

Juan Carlos Trujillo Reyes

11:18-11:54 KSTS

11:18-11:30 TBD

TBD

11:30-11:42 TBD

TBD

11:42-11:54 TBD

TBD

11:54-12:30 TSTS

11:54-12:06 TBD

TBD

12:06-12:18

TBD

TBD

12:18-12:30

TBD

TBD

12:30-14:00 Lunch Symposium II

14:00-15:00 Keynote I

Moderators TBD

Title TBD

Speaker **TBD**

15:00-15:30 Break

15:30-16:30 Keynote II

Moderators TBD

Title TBD

Speaker **TBD**

18:30-21:30 Gala Dinner Grand Ballroom II, 3F Grand Hyatt Taipei

APITS & TSTS 2026 Daily Program

Room 105

July 11, (Sat.), 2026

07:30-08:00 Registration

10:30-11:30 TSTS Free Paper Session I

General Thoracic Surgery

Moderators Pei-Ming Huang (Taiwan), Yi-Chen Chang (Taiwan), Hsu-Chih Huang (Taiwan)

10:30-10:40 Endoscopic Submucosal Dissection of Early Hypopharyngeal Cancer Following or Concurrent with Esophageal Cancer: Insights from a Single-Surgeon Series

Chia-Yu Chan (Taiwan)

10:40-10:50 Bronchoscopy During ICU Admission After Mediastinal Tumor Resection: A Matched Cohort Study

Yi-Hung Sung (Taiwan)

10:50-11:00 Multiple Drug Resistant Airway Bacterial Infection for Lung Transplantation

Kuan-Jui Huang (Taiwan)

11:00-11:10 Local Management of Pulmonary Metastases (including primary lung cancer with intrapulmonary spread): A Comparison of Thoracoscopic Resection and Cryoablation

Hsing-Hua Lai (Taiwan)

11:10-11:20 Sarcopenia Does Not Increase Postoperative Complications after Thoracoscopic Lobectomy in Lung Cancer Patients: An Analysis Using the Thoracic CT Skeletal Muscle Index

Yu-Cheng Chang (Taiwan)

11:20-11:30 Exploratory Prognostic Evaluation of AJCC 9th Edition N-Subclassification: Insights into N1a/N1b and N2a1/N2a2 in Resected Lung Cancer

Yi-Hsiang Lai (Taiwan)

11:30-12:30 TSTS Free Paper Session II

Surgical Techniques

Moderators Chih-Ming Lin (Taiwan), Yu-Sen Lin (Taiwan), Cheng-Yen Chuang (Taiwan)

11:30-11:40 One Step Treatment: The Localization and Surgical Resection of Small Pulmonary Nodules in a Hybrid Theater

	Chih-Ming Lin (Taiwan)
11:40-11:50	Dye Localization Extended Segmentectomy Versus Lobectomy for Deep Intersegmental Early-Stage Lung Adenocarcinoma Ting-Fang Kuo (Taiwan)
11:50-12:00	Clinical Applications of Indocyanine Green (ICG) in Early Lung Cancer Surgery: An Institutional Experience Chen-Sung Lin (Taiwan)
12:00-12:10	Drainless Thoracoscopic Surgery for Primary Spontaneous Pneumothorax: A Propensity-Matched Study Yun-Shao Wu (Taiwan)
12:10-12:20	Talc Pleurodesis for Persistent Postoperative Air Leak in Patients with Emphysema: Case Series from Chi Mei Hospital Li-Chun Chen (Taiwan)
12:20-12:30	Perioperative Outcomes of Completion Lobectomy After Sublobar Resection: A Single-Institution Experience Chin-Hao Yu (Taiwan)
12:30-13:30	Lunch Symposium III
14:00-15:00	TSTS Free Paper Session III Thoracic Oncology
Moderators	En-Kuei Tang (Taiwan), Ke-Cheng Chen (Taiwan), Ming-Ju Hsieh (Taiwan)
14:00-14:10	Impact of Spread Through Air Spaces on Recurrence and Surgical Patterns in Stage I Non-Small Cell Lung Cancer: A Real-World Cohort Study Yu-Wei Liu (Taiwan)
14:10-14:20	Real-World Outcomes of Neoadjuvant Treatment in Stage I–III Non-Small Cell Lung Cancer: A Single Medical Center Experience Yi-Wen Chen (Taiwan)
14:20-14:30	Impact of Neoadjuvant Treatment Strategies on Surgical Complexity and Perioperative Outcomes in Resectable Non-Small Cell Lung Cancer Hsiang Teng (Taiwan)
14:30-14:40	Neoadjuvant Immunotherapy Strategies for Resectable Non-Small Cell Lung Cancer ---- Real World Data

Shih-Han Huang (Taiwan)

14:40-14:50 Recurrence Patterns and Safety After Extended-Duration Adjuvant Osimertinib in Resected EGFR-Mutant NSCLC

Yu-Fu Lin (Taiwan)

14:50-15:00 Association Between EGFR-TKI Generations and Oral Microbiota Diversity in Lung Cancer Patients: A Comparative Study

Yueh-Hsun Tsai (Taiwan)

15:00-15:30 Break

15:30-16:30 Keynote III

Moderators TBD

Title TBD

Speaker **TBD**

17:00-18:00 TSTS Newly Elected Board Meeting & President Election

18:30-21:30 Gala Dinner Grand Ballroom II, 3F Grand Hyatt Taipei

APITS & TSTS 2026 Daily Program

Room 106

July 11, (Sat.), 2026

07:30-08:00 Registration

10:00-15:30 TSTS Board of Directors Election

15:30-17:00 TSTS Board of Directors Election Result Announcement

APITS & TSTS 2026 Daily Program

Room 101

July 11, (Sat.), 2026

07:30-08:00 Registration

08:00-12:30 Exhibition

13:00-14:00 Poster of Distinction

Moderators Mong-Wei Lin (Taiwan)
Po-Chih Chang (Taiwan)
Cheau-Feng Lin (Taiwan)
TBD

14:00-17:00 Exhibition

APITS & TSTS 2026 Daily Program

Room 102

July 12, (Sun.), 2026

07:30-08:30 Registration

08:30-09:30 Abstract Session II (APITS)

Moderators Wei-Hsun Chen (Taiwan), Bing-Yen Wang (Taiwan), Edmund Villaroman (Philippines)

09:30-10:30 Session E

Transforming Thoracic Care: Breakthroughs in Bronchoscopy and
Interventional Pulmonology

Moderators Shun-Mao Yang (Taiwan), Wen-Chien Huang (Taiwan), Calvin S.H. Ng (Hong Kong)

09:30-09:40 Experience of a National Lung Center with One-Stop Image-Guided Procedures in a
Thoracic Hybrid OR
Edmund Villaroman (Philippines)

09:40-09:50 Transbronchial Tumor Ablation: State of Art
Calvin S.H. Ng (Hong Kong)

09:50-10:00 Robotic Bronchoscopy for Diagnosis and Treatment of Peripheral Lung Lesions
Kelvin Lau (UK)

10:00-10:10 Navigational Bronchoscopy and Techniques for Trans-parenchymal Nodule Access
Hui-Hsuan Shih (Taiwan)

10:10-10:20 Intrapulmonary Fine Adjustment for Precise Lung Nodule Diagnosis and Treatment
Shun-Mao Yang (Taiwan)

10:20-10:30 Discussion

10:30-11:00 Break

11:00-12:30 Session F

Delving into the Mystery of Thymus

Moderators Yi-Ting Yen (Taiwan), Chien-Sheng Huang (Taiwan), Yasushi Shintani (Japan)

11:00-11:13	Development of Minimally Invasive Thymic Surgery: Past, Present, and Future Takashi Suda (Japan)
11:13-11:26	Management of Thymic Epithelial Tumors Based on the Pathobiology Masayoshi Inoue (Japan)
11:26-11:39	Current Status and Perspectives of Immunologic Profile in Thymoma Yasushi Shintani (Japan)
11:39-11:52	Current Concerns for Early Stage Thymoma without Myasthenia Gravis Treated by Limited Resection Ping-Chung Tsai (Taiwan)
11:52-12:05	The Impact of Lymph Node Dissection on the Surgical Management for Thymic Epithelial Tumors Chang Hyun Kang (South Korea)
12:05-12:18	Neoadjuvant Treatment for Locally Advanced Thymic Epithelial Tumors Wei-Li Ma (Taiwan)
12:18-12:30	Discussion
12:30-13:30	Lunch Symposium IV
13:30-15:00	Session G Oncology: Turning Impossible into Possible
Moderators	Yu-Wei Liu (Taiwan), Kuang-Tai Kuo (Taiwan), Yu-Chung Wu (Taiwan), Hong Kwan Kim (South Korea)
13:30-13:42	Robotic Thoracic Surgery for Primary Lung Cancer: Insights from Japan Yukio Sato (Japan)
13:42-13:54	From Unresectable to Resectable: Immunotherapy-Enabled Surgery in Advanced Lung Cancer Hong Kwan Kim (South Korea)
13:54-14:06	Multiple Primary Lung Cancer: Diagnosis, Treatment Strategies, and Evolving Perspectives Mong-Wei Lin (Taiwan)
14:06-14:18	Lung Cancer Surgery after Neoadjuvant Immunotherapy: State of the Art Yasushi Shintani (Japan)

14:18-14:30	Thoracoscopic Multiple Segmentectomy and Lobectomy for Multiple Primary Lung Cancer Ying Yuang Chen (Taiwan)
14:30-14:42	RATS Segmentectomy: Mastering Precision and Outcomes with Advanced Robotic Stapling Seiichiro Sugimoto (Japan)
14:42-14:54	Role of Surgical Resection in Oligometastatic Non-Small Cell Lung Cancer Seong Yong Park (South Korea)
14:54-15:00	Discussion
15:00-15:30	Break
15:30-16:30	Session H From Virtuality to Surgery: Artificial Intelligence (AI) and Augmented Reality (AR) Shaping the Future of Thoracic Surgery
Moderators	Mei-Lin Chan (Taiwan), Hsu-Kai Huang (Taiwan), Yun-Hen Liu (Taiwan)
15:30-15:42	Integrating Augmented Reality into Thoracic Surgical Practice Ding-Han Wang (Taiwan)
15:42-15:54	Bringing the Discipline of AI in Thoracic Surgery Aneez D.B. Ahmed (Singapore)
15:54-16:04	Re-Imaging Surgical Training: How 3D Technology Transforms Learning and Practice Kuan Hsun Lin (Taiwan)
16:04-16:14	Dynamic Digital Radiography (DDR) in Thoracic Surgery: Clinical Applications and Future Directions Yu-Hsiang Chen (Taiwan)
16:14-16:24	Integrating Virtual and Reality: Metaverse-Assisted Surgical Applications Xu-Heng Chiang (Taiwan)
16:24-16:30	Discussion
16:30-17:00	Closing Remarks

APITS & TSTS 2026 Daily Program

Room 103

July 12, (Sun.), 2026

07:30-08:30 Registration

08:30-09:15 Young Investigator Award

Moderators Ching-Yuan Cheng (Taiwan), Hsao-Hsun Hsu (Taiwan), Seiichiro Sugimoto (Japan)

08:30-08:42 TBD

TBD

08:42-08:54 TBD

TBD

08:54-09:06 TBD

TBD

09:06-09:15 Discussion & Awards

09:15-10:00 President's Paper Award

Moderators Chung-Ping Hsu (Taiwan), Jin-Shing Chen (Taiwan), Yukio Sato (Japan)

09:15-09:27 TBD

TBD

09:27-09:39 TBD

TBD

09:39-09:51 TBD

TBD

09:51-10:00 Discussion & Awards

10:00-10:30 Special Lecture

Education and Board-Certification Systems for Thoracic Surgeons in Japan

Moderators Ching-Yuan Cheng (Taiwan), Yukio Sato (Japan)

Speaker **Masayoshi Inoue (Japan)**

10:30-11:00 Break

11:00-12:00 TSTS Annual Meeting

12:30-13:30 Lunch Symposium V

14:00-15:00 Keynote IV

Moderators TBD

Title TBD

Speaker **TBD**

15:00-15:30 Break

15:30-16:30 Keynote V

Moderators TBD

Title TBD

Speaker **TBD**

APITS & TSTS 2026 Daily Program

Room 105

July 12, (Sun.), 2026

07:30-08:30 Registration

08:30-13:30 Surgical Fundamentals Course

14:00-15:00 Lung Cancer Screening Educational Session

Moderators Huang-Chou Chang (Taiwan), Ying-Chieh Su (Taiwan), Jing-Bo Cheng (Taiwan), Chia-Ying Li (Taiwan)

14:00-14:30 From Screening to Cure: Clinical Evidence, Surgical Strategies, and Future Perspectives of LDCT Lung Cancer Screening in Taiwan
Chih-Jen Yang (Taiwan)

14:30-15:00 LDCT Interpretation with ACR Lung-RADS v2022
Ying-Chi Lee (Taiwan)

15:00-15:30 Break

15:30-16:30 Keynote VI

Moderators TBD

Title TBD

Speaker TBD

APITS & TSTS 2026 Daily Program

Room 101

July 12, (Sun.), 2026

07:30-08:30 Registration

08:30-16:30 Exhibition