



台灣外科醫學會 TSA 2024



113年度外科聯合學術研討會

2024 Annual Meeting of Taiwan Surgical Association

KAOHSIUNG,
TAIWAN



地點
高雄醫學大學暨附設中和紀念醫院

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台灣胸腔及心臟血管外科學會

TAIWAN ASSOCIATION OF THORACIC & CARDIOVASCULAR SURGERY

Since the beginning of the post-pandemic era after 2022, there have been many significant developments and trials in the field of thoracic medicine internationally. These have greatly improved patient survival rates. Additionally, the low-dose computed tomography (LDCT) for early-stage lung cancer screening program launched domestically in July 2022, which is the world's first national program to provide lung cancer screening for individuals with a family history of lung cancer and heavy smokers. The driving force behind this program, the TALENT study, focusing on LDCT screening for non-smoking high-risk populations for lung cancer in Taiwan, was also published in a prestigious international journal in 2024. On the other hand, the latest data released in Taiwan by the end of 2023 revealed that lung cancer ranks first in both incidence and mortality among all cancer types. Through screening, it is expected that more early-stage lung cancer patients will be detected, potentially benefiting from

advanced surgical treatments available domestically. Since the National Health Insurance Administration approved reimbursement for robotic-assisted pulmonary lobectomy and segmentectomy procedures in March 2023, the Minimally Invasive and Robotic-assisted Surgery Education Committee has been actively promoting and organizing certification activities. It is foreseeable that more members will begin to perform robotic-assisted surgeries. The TATCS will continue to advocate for other surgical procedures such as esophageal and mediastinal surgery to be covered by national health insurance. These remarkable milestones have made our members more committed to improving the survival and quality of life in patient care. Through the efforts of the society, members are believed to have more confidence in future developments.

The 2024 Annual Meeting of the Taiwan Surgical Association comprises education, research, and guest discussion activities involving thoracic and cardiovascular surgeries. The thoracic surgery agenda covered various areas including experiences with endoscopic submucosal dissection for early esophageal cancer, sharing of experiences with lung transplantation surgeries from different institutions, prognosis analysis after lung cancer surgery and analysis of the impact of EGFR factors, innovative treatments for lung cancer (such as ablation, pleural cavity hyperthermic chemotherapy, and photodynamic therapy), and the application of different methods for locating lung nodules combined with hybrid operating rooms in thoracic surgery. Additionally, the

agenda included presentations of several remarkable cases from major medical centers in Taiwan. Besides reports from domestic hospitals, this year's conference sincerely invited Professor Toshihiko Sato from Fukuoka University Hospital in Japan to give a keynote speech on the current status of minimally invasive lung cancer surgery in Japan. Professor Sato specifically mentioned that despite the era of thoracic minimally invasive surgery, there are still two major challenges for thoracic surgeons to address. The first challenge is how to manage small lung nodules including precise localization and complete resection, while the second challenge involves surgeries for locally advanced lung cancer. Finally, he will also share his extensive personal experience with robotic-assisted surgery.

In the cardiovascular surgery, we would like to work through this platform to bring the updated knowledge and skills to the cardiovascular surgeons, perfusionists and nursing specialists to improve the quality of patient care. We are honored to invite Dr. Arthur T Martella from the USA (Riverside Medical center, VA) to share his experience in minimally invasive cardiac surgery and Dr. Kenji Minatoya From Japan (Kyoto University) to present his expertise in current advances aortic surgery.

Additionally, a lot of submitted articles including original investigation, case report, and poster presentation focused on basic and clinical studies of Taiwan' s domestic data in the annual meeting are expected to be appealing. We hope that

all participants in this meeting can fully enjoy the atmosphere of wide-ranged discussion both in academic research and clinical skills. Let' s work together to improve our patient care to a new horizon.