



ATCCS 2025

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Asia Thoracic Cancer Care Summit



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Yin-Kai CHAO

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Education

MD, Chang Gung University, Taoyuan, Taiwan

PHD, Graduate Institute of Clinical Medical Sciences, Chang Gung University, Taoyuan

Current Position

Chief, Department of Thoracic and Cardiovascular Surgery, CGMH

Director, Robotic Surgery Center, CGMH

Vice-Director, Cancer Center, CGMH

Deputy Chief, Department of Surgery, CGMH

Professor, Department of Medicine, Chang Gung University

President, Taiwan Society of Thoracic Surgeons

Dr. Chao is a pioneer in RATS and iVATS. In 2016, he established the Taiwan's largest RATS program. His unit remains the first and only da Vinci Robotic Epicenter for thoracic surgery in Taiwan. He also developed a standardized protocol to enhance iVATS efficacy and safety and currently leads the world's first iVATS reference center. Beyond his clinical and surgical innovations, Dr. Chao actively conducts research to improve patient outcomes and hospital efficiency. He is the principal investigator of multiple surgical trials, including:

- A multi-center randomized trial comparing robotic and thoracoscopic esophagectomy (NCT03713749)
- Two pilot studies assessing the feasibility and safety of uniportal robotic surgery for anatomical lung resection (NCT05535712) and anterior mediastinal surgery (NCT05455840)
- A randomized trial comparing iVATS and VATS for the treatment of small lung cancer (NCT03395964)

A 15-time recipient of research awards from various societies, Dr. Chao has published over 195 peer-reviewed papers and has been invited as a lecturer and visiting professor more than 150 times worldwide.