

Professor NG Sze Hang Calvin

Biography

Dr Ng is Professor in Thoracic Surgery and Honorary Consultant Surgeon at Prince of Wales Hospital, The Chinese University of Hong Kong. He graduated from Imperial College, London in 1999 and was trained in UK and Hong Kong. He is a pioneer in Single Port (Uniportal) VATS in the Asia-Pacific region with numerous publications and is the corresponding Editor of book Atlas of Uniportal Video Assisted Thoracic Surgery (Springer Science).

His interest in hybrid operating room (HOR) image-guided surgery led to numerous firsts in HOR use in single port VATS (iVATS), electromagnetic navigation bronchoscopy (iENB) transbronchial microwave ablation of peripheral lung tumours, and world's first robotic bronchoscopy microwave ablation. He is Co-PI of numerous trials investigating utilization of navigation bronchoscopy and robotic assisted bronchoscopy in diagnosis and therapy (NAVABLATE, TARGET, POWER, INCITE-ES, PSR-Emprint, TiLT study etc)

His academic contributions include 24 book chapters (including in Pearson's Thoracic & Esophageal Surgery 3rd & 4th Eds, Shield's Thoracic Surgery 8th Eds), and more than 290 publications in indexed international journals (Citations 6072; H-index 41; Scopus).

He serves as co-Editor-in-Chief of Annals of Translational Medicine, Assistant Editor of European Journal of Cardio-Thoracic Surgery (EJCTS), and Editorial Boards of numerous others, such as Cancers; Innovations; Journal of Thoracic Disease (JTD); and Frontiers in Surgery. Dr Ng is also Committee Member to CME, Education, Webinar workgroups for International Association for the Study of Lung Cancer (IASLC); Board member of Asia-Pacific Thoracic Advisory Board (APTAB); Executive Board member of Asia Thoracoscopic Education Platform (ATEP); Council member of Association of Thoracic and Cardiovascular Surgeons of Asia (ATCSA); Council member of IGNITE innovation & LCI.

His other clinical and research interests include, Magnetic Actuated Surgical Endoscopes, Chest Wall Reconstruction, Molecular Biology of Lung Cancer, Nanoparticles & Aptamers in Cancer Therapy.