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Dr Ng is an Associate Professor in Thoracic Surgery at Prince of Wales Hospital, The Chinese University of Hong Kong. He graduated with BSc from Imperial College, London in 1998 with 1st Class Honours and Dudley Prize (1st in his class), and MBBS with Honours, Distinction in Surgery and Anthony de Rothschild Medal (1st in surgery) in 1999. After working for Lord Ara Darzi at St Mary's Hospital, he returned to Hong Kong and trained in thoracic surgery under Prof. Anthony P.C. Yim.

In 2006, he undertook further training as Specialist Registrar and Honorary Research Fellow at the Queen Elizabeth Hospital Birmingham, University of Birmingham, UK. In the following year, he was elected Fellow of the Royal College of Surgeons of Edinburgh, and subsequently research Doctorate of Medicine from Imperial College, London for his research on ventilator induced and IR lung injury. He is also elected Fellows of American College of Chest Physicians (FCCP) and Asian Pacific Society of Respiriology (FAPSR).

Dr Ng is an early pioneer in Single Port (Uniportal) VATS in the Asia-Pacific region with numerous publications on the subject in JTCVS, EJCTS, CHEST and Thorax, amongst other journals. In 2012, he performed the first Single Port VATS lobectomy in Hong Kong, and has since been an advocate of the technique through his role as Program Director of Single Port VATS Course, PWH, Hong Kong; and Director of Asia-Pacific Advanced & Novel Approaches to VATS Workshops. In 2013, he was the Founder of the Asian Single Port VATS Symposium series. Recently, his interest in hybrid operating room (HOR) image-guided surgery has led to the World's First publications of HOR use in single port VATS major lung resection, and HOR image-guided electromagnetic navigation bronchoscopy (iENB). His team is also the recipient of the ISMICS Annual Best Presentation (2016) and APSR Annual Travel Scholarship (2016) for research into HOR iVATS & iENB. He is the Program Director of ENB Workshop & ENB PACES Clinical Immersion Program Hong Kong, training physicians and surgeons throughout Asia-Pacific region in these techniques. Dr. Ng has been an invited speaker / lecturer in more than 120 occasions on these topics across the world.

His academic contributions include 23 book chapters (including in Pearson's Thoracic & Esophageal Surgery 3rd & 4th Ed, Shield's Thoracic Surgery) and more than 160 publications in peer-reviewed indexed international journals (ResearcherID L-4429-2016; H-index 23, cited 1699). He is on the editorial board of EJCTS, Innovations and JTD amongst others; on the Board of Directors of ISMICS; and uniportal VATS committee ESTS. He is serving as Council Member of the Hong Kong Society of Endosonography, Editorial Board of Cutting Edge (College of Surgeons of Hong Kong CSHK Journal); and a fellowship examiner for the Royal College of Surgeons of Edinburgh and CSHK. His main interests: innovative technologies in VATS, single port VATS, HOR in VATS & ENB, chest wall reconstruction and molecular biology of lung cancer.