



Dr NGIAM Kee Yuan

MBBS (London), MRCS (Glasgow), Mmed (Surgery), FRCS (Edinburgh)

Dr Ngiam Kee Yuan is the Group Chief Technology Officer of the National University Health System (NUHS) Singapore overseeing technology deployment in Western Healthcare Cluster of Singapore. The cluster incorporates one large academic medical center, 3 national centers of excellence, 2 acute hospitals, one community hospital, 6 polyclinics and 4 schools under the National University of Singapore. In this role, he assists the Chief Executive to implement new technologies throughout NUHS and serves as the Chief Advisor to the Center for Innovation in Healthcare in NUHS. Dr Ngiam is concurrently the Deputy Chief Medical Informatics Officer at the National University Hospital of Singapore with a special focus on artificial intelligence research and implementation in healthcare. He has certification training by the American Medical Informatics Association and has published in computing and medical journals on topics related to healthcare AI applications and technology.

Dr Ngiam is a Consultant Thyroid and Endocrine Surgeon at the Department of Surgery, National University Hospital, Singapore specializing in thyroid oncology and minimally invasive endoscopic and robotic thyroid surgery. Dr Ngiam obtained his undergraduate degree from the Royal Free and University College Medical School, London (now University College London). He entered Advanced Surgical Training in General Surgery and was awarded a fellowship from the Royal College of Surgeons of Edinburgh upon completion of his training. He is accredited a general surgery specialist by the Specialist Accreditation Board, Singapore and received the Higher Manpower Development Award to complete a fellowship in Metabolic Surgery in Taiwan. He received further training in robotic thyroid surgery at the Seoul National University Hospital, South Korea.

In his capacity as Assistant Professor, Department of Surgery, Yong Loo Lin School of Medicine, National University of Singapore, Dr Ngiam engages in research into endocrine and metabolic surgery as well as artificial intelligence applications in healthcare. He promotes interdisciplinary collaboration throughout the NUS campus, particularly between the schools of medicine, engineering and computer science for various healthcare applications. He was awarded the ExxonMobil-NUS Research Fellowship for Clinicians and numerous teaching awards for his work in research and education.

Dr Ngiam is also active in volunteerism and is the Mission Chief for a number of ground up surgical missions to regional countries such as Myanmar and Indonesia; under the auspices of the Surgical Outreach to Underserved Localities (SOUL) program with the NUH Department of Surgery.