CITATION FOR HONORARY FELLOWSHIP

Professor Ban Chi Ho TSUI



Professor Ban Chi Ho Tsui is a clinician, researcher, and educator of the highest international standing, whose multidisciplinary background has made important contributions to the practice of regional anaesthesia. Born in Hong Kong, he pursued his higher education at Dalhousie University in Canada, where he built an exceptional academic foundation. He earned a Diploma in Engineering, Bachelor's degrees in Mathematics and Pharmacy, and a Master of Science in Pharmacy, before receiving his Doctor of Medicine in 1995. He subsequently completed his anaesthesia residency at the University of Alberta in 2000. This unique convergence of engineering, mathematics, and pharmacology has been the hallmark of his career, enabling him to approach clinical challenges with unparalleled analytical rigor.

Following his residency, Professor Tsui dedicated 16 years to the University of Alberta, eventually serving as the Director of the Regional Anaesthesia and Acute Pain Service. In 2016, his expertise led to his recruitment by Stanford University as a Full Professor, where he served as the Director of Stanford University Pediatric Regional Anesthesia, further cementing his reputation as a global leader in the field.

Professor Tsui is best known to us for his pioneering work in transitioning regional anaesthesia from an unpredictable art into a precise, highly reliable science. His engineering mindset has yielded numerous clinical breakthroughs, most notably the "Tsui Test," which utilises low-current electrical stimulation to accurately confirm epidural catheter location. He co-developed the StimuLong Sono-Tsui and the catheter-over-needle kit, revolutionising continuous nerve blocks. Furthermore, his seminal discovery that Dextrose 5% in water (D5W) -- unlike normal saline -- preserves electrical current during nerve stimulation remains a cornerstone protocol in the placement of stimulating catheters today. He has authored over 200 peer-reviewed publications, holds multiple patents, and authored the world's first Atlas of Ultrasound and Nerve Stimulation-Guided Regional Anesthesia.

His contributions have been globally recognised by the American Society of Regional Anesthesia and Pain Medicine (ASRA), which has awarded him both the Distinguished Service Award (2022) and their highly prestigious Gaston Labat Award for 2025. He was also in the inaugural class of Fellows of the American Society of Regional Anesthesia and Pain Medicine (FASRA) in 2023.

Beyond his scientific achievements, Professor Tsui is widely revered for his profound humility, his dedication to education, and his advocacy for the patient perioperative experience. Despite his global success, Professor Tsui has maintained deep ties to his roots. In 2024, he returned to our region, taking up the pivotal leadership role as Associate Dean and Head of Clinical Medicine at The Chinese University of Hong Kong, Shenzhen, alongside an appointment as Honorary Full Professor at CUHK in Hong Kong. In these capacities, he is actively bridging global excellence with local development, shaping the future of medical education in the Greater Bay Area. In recognition of his contributions to medical education, he was recently admitted as a Fellow of the Academy of Medical Educators.

With his exceptional scientific breakthroughs, his unwavering commitment to education, and his dedicated service to the medical community, we believe Professor Ban Chi Ho Tsui is highly deserving of the Honorary Fellowship of the Hong Kong College of Anaesthesiologists.

Madame. President, it is with great pleasure that I present to you Professor Ban Chi Ho Tsui for the award of Honorary Fellowship of the Hong Kong College of Anaesthesiologists, honoris causa.

Dr Albert Chan