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Qualifications:

PhD, Institute of Nuclear Engineering and Science, National Tsing Hua University, Taiwan, 2023

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Dr. Samuel Meng-En Lian is a medical physicist at Changi General Hospital's Department of Radiography. He earned his Ph.D. in Medical Physics from National Tsing Hua University, Taiwan, specializing in radiation dosimetry and occupational radiation protection, particularly in fluoroscopy-guided interventional procedures. His research focuses on reducing radiation exposure to the eye lens, utilizing Monte Carlo simulations and solid-state detectors. Dr. Lian's contributions have advanced radiation safety protocols for healthcare professionals, and he has published several peer-reviewed papers on the subject. In addition to his research, he has presented his findings at international conferences and mentored students in both academic and clinical settings.