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Harnessing AI to Revolutionize Health Sciences Education**

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Re-Inventing Medical Training in the Age of AI

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Abstract

Advancement in artificial intelligence (AI) technologies is set to confront society, alter our ways of practice, and disrupt long-standing notions and boundaries of professional responsibility and accountability in healthcare. The author will map out some of the pertinent issues, from the impact of AI on the traditional doctor-patient relationship to potential medico-legal liabilities, regulatory framework, and clinical governance. The emphasis is on how medical training, standards of practice, and public policy should evolve to help navigate this future landscape of enormous promises and challenges.

Biography

Professor Gilberto Leung is a neurosurgeon, Clinical Professor, and Tsang Wing-Hing Professor in Clinical Neuroscience at the University of Hong Kong (HKU). He graduated from the University of London with M.B.B.S. in 1992 and joined HKU in 2005 where he obtained his MS, PhD, and MD degrees. He is currently Director of the School of Clinical Medicine and Senior Advisor to the Teaching & Learning sub-Deanery at HKUMed.

He holds an LLB from the University of London and an LLM in Medical Law and Ethics with Distinction from the University of Edinburgh. He is Immediate-Past President of the Hong Kong Academy of Medicine; Convenor of the Institute for Medical Advancement and Clinical Excellence; Co-Director of the Centre for Medical Ethics and Law at HKU; and Co-Chairperson of the Professionalism and Ethics Committee at the Hong Kong Academy of Medicine.