# Hong Kong establishes Collaborative Centre for Medical and Engineering Innovation

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**Deeply integrating artificial intelligence (AI) with medical imaging**



The Hong Kong University of Science and Technology (HKUST) and Union Hospital, Tongji Medical College, Huazhong University of Science and Technology (Wuhan Union Hospital) have jointly established the "Collaborative Centre for Medical and Engineering Innovation" , officially unveiled at HKUST's campus.

The collaboration marks a significant milestone in medical-engineering collaboration between the two institutions, focusing on core areas such as ultrasound, pathology, and radiology. By deeply integrating artificial intelligence (AI) with medical imaging, the centre aims to drive medical technology innovation and advance global healthcare progress.

Under the agreement, the Centre will prioritise medical-engineering integration with a focus on AI-powered medical technology R&D. Collaboration will deepen through academic exchanges, teacher training, joint research projects, and commercialization of research outcomes.

Leveraging complementary strengths and shared resources, the two parties will accelerate the development of multimodal medical AI models in radiology, ultrasound, and pathology, driving innovations in intelligent diagnostic systems, precision medicine, and smart medical devices.