BioSpectrum
the business of Bio & Health Sciences
ASIA EDITION

CUHK and Diagens sign MoU to enhance women and childrenâ??s healthcare with medical imaging AI

May 19, 2026 | News

With a focus on medical imaging AI for maternal and child health



The Hong Kong Hub of Obstetric and Paediatric Excellence (HOPE) at The Chinese University of Hong Kong (CUHK) and Hangzhou Diagens Biotechnology (Diagens) have signed a Memorandum of Understanding (MoU) recently.

Focusing on the field of maternal and child healthcare, both parties will jointly advance innovative research on medical artificial intelligence (AI) imaging foundation models, with an aim to translate medical AI technologies into clinical applications, and further enhance the quality of diagnosis and treatment for women and children.

Leveraging HOPE's clinical and research prowess and Diagens' technical expertise in AI, the collaboration will encompass academic research, specialised model training, clinical translation and validation, the development of AI evaluation systems, and talent and academic exchange.

Under the MoU, the two parties will align on initial joint research projects, with a focus on medical imaging AI for maternal and child health, specialised model development, assisted diagnosis, and clinical validation. Subject to regulatory compliance, they will also explore pathways to support healthcare development across the Greater Bay Area.