

Holmusk collaborates with Singapore to manage cardio diseases

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Singapore: Holmusk, a global digital health and data analytics company, has embarked on a three-year partnership with National Heart Centre Singapore (NHCS) to improve care for heart failure and coronary artery disease using big data analytics to build better predictive models that can be validated for use in the treatment and prevention of cardiovascular disease in Singapore.

Supported by the Singapore Economic Development Board (EDB), Holmusk will collaborate with NHCS to analyse aggregated data from the Singapore Cardiac Longitudinal Outcomes Database (SingCLOUD) to drive insights and build effective tools for clinical decision support.

"Our aim in this project is to track clinical outcomes and design targeted intervention strategies that improve care in patients with heart failure or coronary artery disease", said Associate Professor Yeo Khung Keong, a Senior Consultant at NHCS.

"Innovations in healthcare is happening at a rapid pace globally. Precision medicine is the future of healthcare and big data analytics will play a significant role to improve clinical outcomes as well as operational and financial outcomes," said Nawal Roy, CEO and Founder of Holmusk. "Our focus is to bring cutting edge analytic practices that facilitate early detection and early intervention to engage patients before they become chronic. This initiative could turn into a nationwide effort to optimize efficiency and improve clinical outcomes for cardiovascular patients in Singapore, while providing a gold standard of reference for the APAC region. It is a great privilege to work with researchers and clinicians at NHCS. Most importantly, we are very proud to have the esteemed backing of EDB."

"Healthcare is a growing and evolving sector where value creation is driven by evidence-backed innovation, with a clear focus on better patient outcomes," said Ms. Ho Weng Si, Director of the Biomedical Sciences division at EDB. "This partnership is a promising example of local private and public sector collaboration to create data-driven healthcare solutions which will improve healthcare in Singapore and the region."

This partnership is a 3 year-long project that will run through to 2019.