



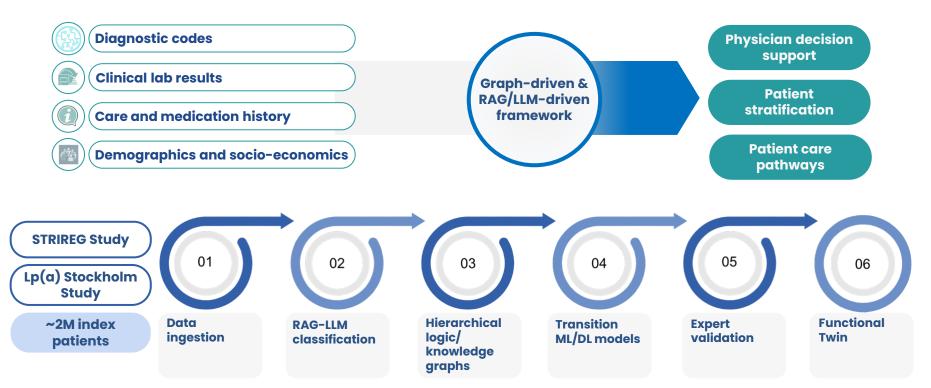






CardioTwin

An **Al-driven virtual platform** for the management of **multi-morbidities associated with** cardiometabolic diseases









Today

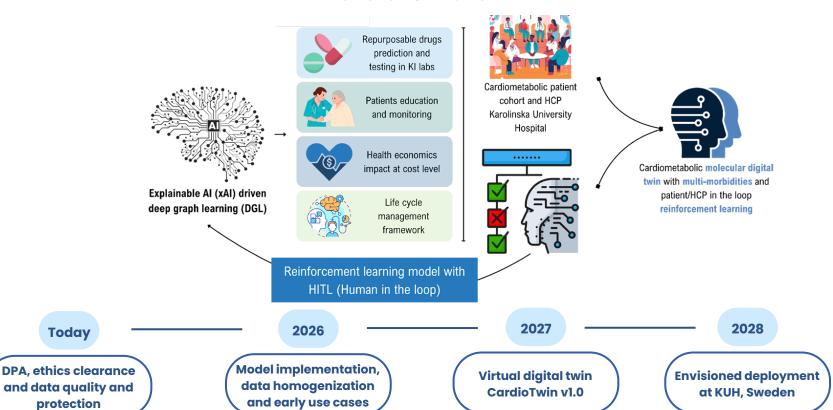
protection





CardioTwin

Framework & timeline





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CardioTwin

Engagement potential

For clinical/ medical/ R&D expertise

Hypothesis testing and simulation

Simulate disease trajectories and treatment outcomes across patients

Data enrichment and model training

Using XAI to enrich the Lp(a) Stockholm Study dataset and STRIREG cohort (2.3M+ individuals)

Discovery of biomarkers and pathways

Hidden associations between routine biomarkers and multi-morbidity patterns

Advancing medical education

Explore patient-specific multi-morbidity scenarios, and test treatment combinations/observe outcomes in real time

For end users



Co-design with healthcare providers and patients



Human-in-the-loop mechanisms for model fine-tuning



Iterative validation in clinical settings



Define clinical subgroups of patients based on shared features, comorbidities, and outcomes

