
AI-Powered Clinical Decision Support for Chronic Respiratory Care

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Project Description:

As Singapore's population ages, managing chronic diseases—especially in patients with multiple conditions—has become increasingly costly. Our research team is developing an innovative AI-powered Clinical Decision Support (CDS) tool to assist doctors in identifying chronic respiratory patients at higher risk of hospitalization and providing personalized recommendations to prevent acute health events. This project focuses on leveraging national healthcare data to enhance early risk detection and optimize care delivery for chronic respiratory patients. The study will evaluate the clinical and economic impact of the tool, ensuring it is practical and scalable within the healthcare system. This is a unique opportunity to contribute to cutting-edge research that bridges AI, clinical care, and digital health transformation for patient-centered care. Join us to shape the future of personalized healthcare!