



ARTIFICIAL INTELLIGENCE FOR CHRONIC DISEASE MONITORING IN HEALTHCARE

Artificial intelligence is defined as “the theory and development of computer systems able to perform tasks that normally require human intelligence, such as visual perception, speech recognition, decision-making, and translation between languages”

OPPORTUNITY DEFINITION | ARTIFICIAL INTELLIGENCE | CHRONIC DISEASE MONITORING

Provides integrated digital care platform used by healthcare providers and patients to allow management of a number of chronic conditions remotely. This solution allows monitoring of blood glucose, blood pressure, cholesterol and heart rate EKG/ECG.

TARGET MARKET



Target Market

The prevalence of people with multiple chronic conditions is increasing. By 2022, Qatar plans to **improve by 20% in patient empowerment** of people with chronic conditions. (MoPH, 2018)

Target Users

- Long term/ chronic patient

KEY PROBLEM STATEMENT | NEED

Chronic disease patients require ongoing medical care and monitoring. Visiting the hospital regularly is taxing for patients and consumes a substantial share of healthcare resources. Leveraging wearables and devices, it is possible to optimize patient outcomes and reduce variability while making patient care more algorithmic, scalable and cost-effective.



PROCUREMENT CYCLE



Identification Stage

The opportunity will be tendered in 2022.

TIMESPAN



Total duration of 3 – 4 years including implementation, testing and operations.



ADJACENT OPPORTUNITIES

- Post Operation Remote Care
- Chronic Respiratory Disease Management
- Virtual Lifestyle Changer

STAKEHOLDERS

- Ministry of Public Health (MoPH)
- Hamad Medical Corporation (HMC)
- Primary Health Care Corporation (PHCC)
- Sidra Medicine
- Insurance Providers



OWNER AND SECTOR

Owner Ministry of Public Health (MoPH) – National Lead for improved health for people with multiple chronic conditions

Sector Healthcare



BUDGET ACROSS ARTIFICIAL INTELLIGENCE ECOSYSTEM

The Qatar market for Artificial Intelligence (AI) is projected to reach **USD 59 million** by 2026, at a compound annual growth rate (CAGR) of 17% from 2022 to 2026.

