大埔地區康健站
Tai Po DHC Express

營運機構 Operator
基督教聯合那打素社康服務
United Christian Nethersole Community Health Service

Bridging the Divide: Interoperability Challenges and Future Hope in Health Informatics for Family Doctor-Community Partnerships

W.S. YU
Tai Po District Health Centre Express, United Christian Nethersole Community Health Service

Introduction

Synergizing primary care outcomes relies on robust health informatics, yet interoperability gaps between family doctors and community care teams persist in daily practice. This study explores current barriers in data exchange between private doctors, the District Health Centre operation system (CMS On-ramp), and the Electronic Health Record (eHR) platform, while assessing the prospects of a planned system upgrade.

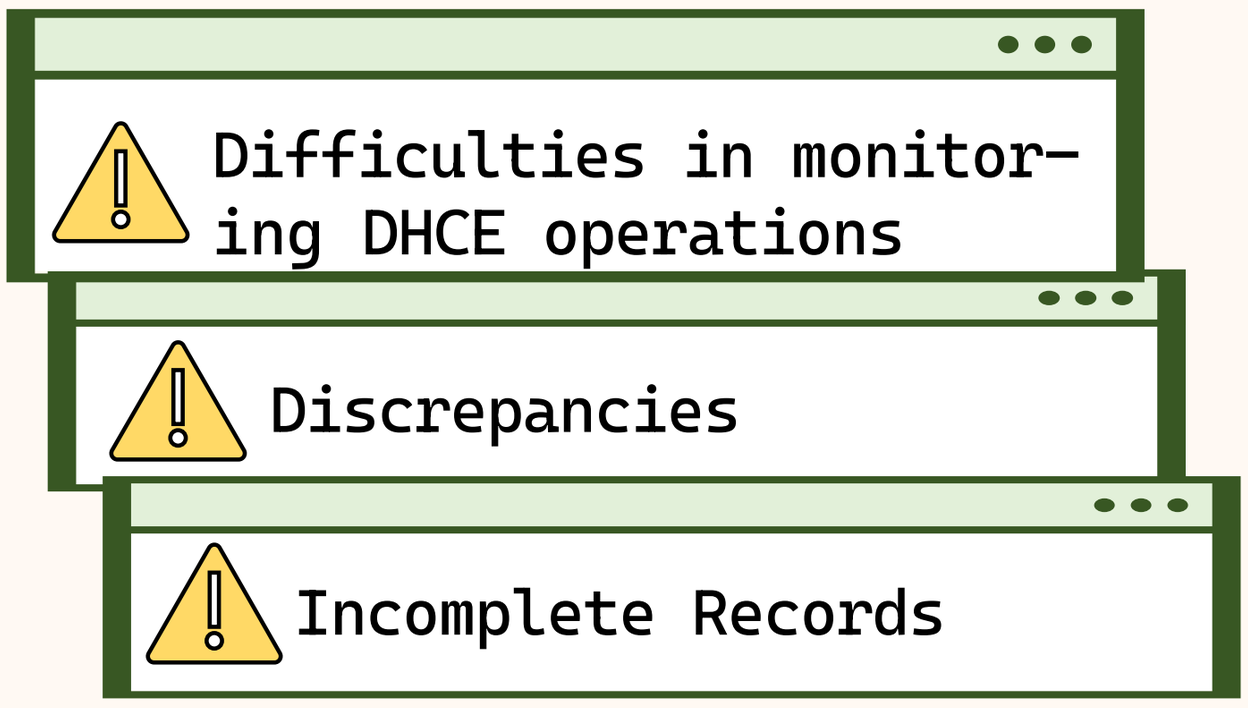
Methods

- Review workflows
- Feedback from staff and private sector stakeholders

Results

Key challenges :

- ⚠ Private doctors seldom upload to eHR due to **incompatible systems** / duplicate data entry
- ⚠ **Separated databases** of different operating systems (CMS On-ramp & eHR)
- ⚠ CMS On-ramp's design prevents real-time, processable statistics for service review



Conclusions

While TPDHCE staff are attempting to bridge the gap through manual data monitoring and redundant workflows, the enhancements outlined in the Primary Healthcare Blueprint offer clear directions.

Government recommendations to upgrade eHealth (excerpt)

- To put in place incentive programmes that facilitate connectivity by private eHealth solution vendors
- To integrate various standalone public health IT systems/modules under the eHealth platform
- To require private medical labs and radiology centres to join and upload lab images to the eHealth
- To transform the eHealth into an integrated system – "One eHealth"

(Primary Healthcare Blueprint, 2022)

Keywords: Health informatics, Clinic operation system, eHealth