

Project Eboard

Current Team: Lloyd Lok, Maria Zarco-Vera, Sahil Bhatia
Clinical Champion: Paul Buntine
Affiliation/s: Monash Partners, Eastern Health

Mission

To curate information from an EMR database and represent it on a system for patient users in the short stay unit.

Introduction of Unmet Clinical Need

Doctors and nurses rely primarily on static whiteboards or two-way verbal communication to provide updates to patients.



Due to time constraints and inconvenience of updating an additional platform, patients have information deficits due to inadequate communication.



Leads to poor compliance with the appropriate healthcare plans, as well as potential exacerbation of the condition and increased use of resources.

Impact of Solution

The aim of Project Eboard is to:

- Improve a patient's condition inside and outside the hospital
- Improve patient engagement with their health
- Improve workplace cohesiveness
- Reduce expenses and unnecessary resource usage, by decreasing number of medical errors

Solution

- Selects and organises relevant information from data files obtained from the EMR database
- Displaying the relevant patient information on a secure webpage, which patients can access via a QR code
- Improve communication of information between clinicians and patients in the short stay unit (which is essential in such fast paced environments)

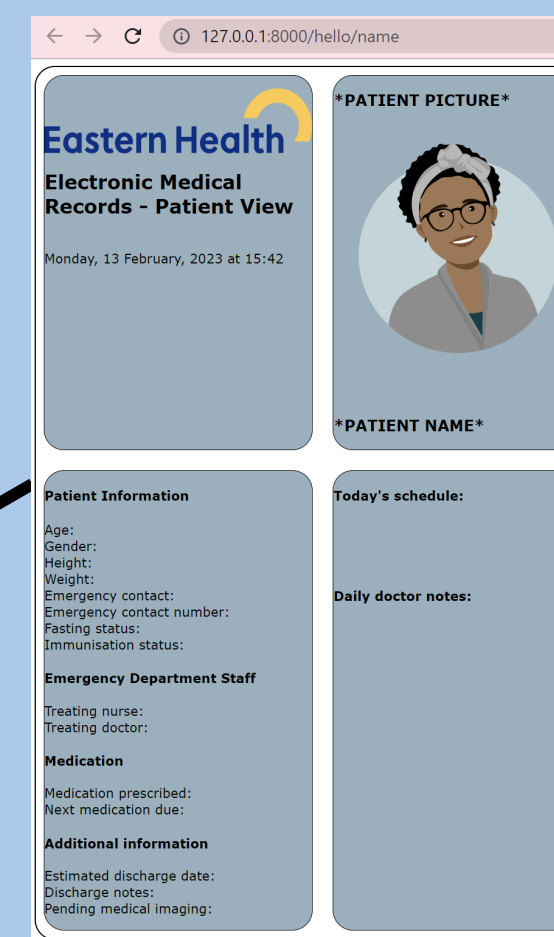


Figure: Left - QR code wristband that patients would scan to access patient information, Right - a prototyped webpage interface

Proof of Concept

2023

MYMI Project Prototyping

2024

In-hospital Research

HREC Governance

Further Prototype Development

2025

Qualitative Study

2026

TGA Approval

2027

Solution Implementation at Box Hill Emergency Department Short Stay Unit

2028

Solution Implementation at other Eastern Health Short Stay Units

