

OUR Digital Hospital

LOGAN | BEAUDESERT

Fact sheet

About Logan Digital Hospital

What is a Digital Hospital

In a digital hospital, all patients have an electronic medical record instead of a paper file. Clinicians and staff members use computer programs, electronic medical devices and computer equipment to document and access patient medical information and to support clinical care. A digital hospital system supports clinical care by providing access to up to date patient medical information from any location in that hospital.

The digital hospital system, or integrated electronic medical record (ieMR), is already being used by a number of Queensland Health hospitals. These hospitals have gradually incorporated different functions and features of the ieMR in a staged approach.

integrated electronic Medical Record (ieMR) Rollout – Current State



Current as at 28 March, 2017

- ✓ Functionality Present
- ✓ Not All Functionality Present
- Functionality in roll out (Project)
- Functionality funded by HHS
- ★ Not on state-wide build



About the LBDH Project

The Logan-Beaudesert Digital Hospital Project will bring the complete functionality of the ieMR to Logan Hospital in one stage. This is the first time a single stage approach has been used; previous implementations have used a multi-stage approach. The single stage approach is based on the following supporting elements:

- the ieMR components to support the services provided by Logan Hospital have already been designed, built, tested and implemented in other hospitals
- the hospital has demonstrated success in adopting new technology and systems
- the LBDH project team brings together the experienced clinicians and staff who have implemented the ieMR at other hospitals
- the LBDH project team will work in partnership with the hospitals to achieve the clinical change required to become a digital hospital

Why Logan Hospital?

Metro South HHS is striving to be a leader in excellence in health care and the Logan-Beaudesert Digital Hospital Project is the next step in towards becoming a fully digital health service. Eventually when a Metro South patient presents to any Metro South hospital, the clinicians there will be able to quickly access that patient's electronic medical record.

Logan Hospital supports a community which is growing rapidly. The investment in digital hospital systems for Logan Hospital will support improvements to the quality and efficiency of the services it provides to this community.

Who is looking after the Digital Hospital Project?

The digital hospital project team comprises Logan-Beaudesert clinicians and staff members; in partnership with project staff who have been involved in other ieMR implementations at Princess Alexandra Hospital, Cairns, Townsville, Mackay and LCCH. The digital hospital team has been working with Logan staff since late 2016 to determine the hospital's readiness for a digital hospital implementation.

How is the digital hospital project being funded?

The implementation of digital hospital systems in selected hospitals across Queensland is part of the Department of Health's "Digital Health Strategic Vision for Queensland 2026". Funding for the Logan-Beaudesert Digital Hospital Project has been allocated through eHealth Queensland and Metro South HHS.

Is the digital hospital system safe for patients?

Digital hospital systems are proven to improve patient safety in hospitals in Australia and overseas. Measurable benefits in a digital hospital include reduced adverse effects due to medications errors, and faster response times for deteriorating patients.

When a digital hospital system is implemented for the first time at a hospital, ensuring patient safety is the highest priority for the project team.

At Logan Hospital the digital hospital system will be turned on only after a comprehensive set of safety checks, governance measures and readiness checks are carried out.

The readiness of the hospital to switch to the digital system is the responsibility of a team of senior clinicians and health service executive who are closely involved with the hospital and the project team throughout the process. This team will conduct a formal assessment of whether the hospital is ready for a safe Go Live for digital hospital.

How will the State-wide system be suitable for our hospital?

The ieMR system has been designed and built to support state wide clinical protocols, procedures and standards for health care, applicable across all hospitals in Queensland.

In some cases, a hospital has clinical workflows which are unique to that hospital. The LBDH project team is working closely with clinicians at Logan Hospital to identify which clinical workflows may require revision.

For more information:

LBHdigitalhospital@health.qld.gov.au