



Our Digital Future
IMAGINE WHAT'S POSSIBLE...

ieMR Advanced



Fact sheet Devices

Children's Health Queensland will introduce a range of new and upgraded devices as part of its ieMR Project roll out in 2018.

These will be vital in helping staff to transition from paper-based to digital processes in most hospital areas. The devices will be installed progressively from February through to April 2018.

Medication room refurbishments and other minor building works will occur over coming months to prepare for device installations and deployment. These will be coordinated in close consultation with relevant nurse unit managers and may involve short-term closure of medication rooms in some wards.

All-in-one computers

All-in-one computers will be installed in many medication rooms throughout the hospital to help remove clutter from preparation areas and improve infection control. Each device integrates a computer, monitor and associated cords into a single unit and most will be wall-mounted.

Biomedical device integration

Existing anaesthetic devices and attached patient monitors in the operating theatres will be integrated to enable the electronic transfer of vital signs directly into the ieMR. New workstations will also be attached to the devices to allow electronic documentation of the anaesthesia delivered to patients.

Downtime viewers

New downtime viewers will be installed in various hospital locations to enable staff to view the most recent patient data saved before any planned or unplanned downtime period.

Follow me desktop

Follow me desktop (FMD) functionality will be deployed in medication and treatment rooms, and point of care workstations at the bedside from February 2018. This will be preceded by a hardware upgrade to point of care terminals.

FMD will enable a user's desktop to 'follow' them from one terminal to another throughout their clinical area. This new functionality will reduce logon times and assist with the continuity of workflow.

Due to restrictions related to script printing in the ieMR, only nurses will initially receive FMD access (unless pre-existing arrangements are in place).

A video which demonstrates FMD functionality can be viewed on the Our Digital Future website.

Hand-held devices

A variety of hand-held devices will be deployed throughout the hospital to assist clinicians who need to move rapidly across various areas and view patient charts on-the-go. These will include a variety of HP and Dell tablet and convertible laptop devices.

Contact the ieMR team for more information.

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PBS printers

New PBS printers will be installed in key hospital locations before go-live. This will enable clinicians to seamlessly convert inpatient orders to prescriptions within the ieMR. Some existing printers will also be converted to enable this functionality and all PBS printers will feature secure locked drawers to ensure patient safety and security.

Point of care terminals

More than 200 new point of care terminals (PoCTs) will replace existing PoCTs in ward areas from February through March 2018. These will be deployed at the bedside, in medication and treatment rooms, and in other clinical areas. A number of existing PoCTs will also be relocated to meet clinical requirements.

All PoCTs will feature follow me desktop capability and will be accessed via a Rapid Access Workstation Service (RAWS) reader. The RAWS reader is built into each keyboard or connected via a nano-reader or USB and will automatically launch your desktop when you tap on.

All keyboards are medical grade and can be easily cleaned to meet infection control standards.

Rapid Access Workstation Service readers

Additional Rapid Access Workstation Service (RAWS) readers will be installed throughout the hospital from February through to April 2018 and will be available in more than 600 locations when the rollout is complete.

These will enable clinicians to use their staff card to tap on at their workstation and enter their password and user name (or the generic user details for their area) only once every eight hours. After this initial data entry, a clinician will be able to tap on each time they return to their workstation and their user profile will automatically launch without the need to re-enter their user login details. This will save staff time and support efficient area workflows.

Tracking boards

Ten patient tracking boards will be installed in public and private areas to help clinicians monitor workflows and keep families informed regarding their child's progress in the operating theatres.

Public areas

Three tracking boards will be installed in public areas near the cafeteria area on level 2 and outside 4b surgical admissions.

Parents will be provided with a unique case number when their child is admitted to surgery. This number will be displayed on the tracking boards and will enable families to monitor their child's progress through the operating theatre.

Clinical areas (staff-only)

Additional tracking boards will also be used in clinical areas to enable staff to track:

- patients throughout the surgical process from admission through to recovery and discharge
- patient readiness for admission or discharge in Department of Emergency.

Workstations on wheels

A number of new workstations on wheels (WoWs) will be installed throughout patient areas from late January 2018.

For more information, please visit the Our Digital Future website or contact your ieMR Advanced Change Partner.

Contact the ieMR team for more information.

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