



Our Digital Future

IMAGINE WHAT'S POSSIBLE...

ieMR Advanced



Fact sheet – Medications Management

Children's Health Queensland will introduce a new integrated electronic medical record (ieMR) module – Medications Management – as part of its ieMR Advanced Project rollout in April 2018.

Medications Management will integrate the hospital medication cycle and include:

- medication order entry from complex medication management through to ambulatory prescriptions
- active and passive clinical decision support such as order sentences, drug-drug and drug-allergy interactions, and dose rounding/capping/checking
- linking with other information systems (e.g. AUSLAB) so medication orders are linked to clinically relevant pathology data and can be prescribed efficiently and safely
- medication order verification by pharmacists for emergency and inpatient medication orders
- medication order administration including positive patient identification
- documentation of home medications history and medication order reconciliation when patients are admitted, transferred or discharged.

Medications Management will also enable electronic ordering and administering through PowerChart (used by medical (prescribers), nursing, pharmacy, allied health and administration staff) while supporting electronic pharmacist verification in a new module called PharmNet (used by Pharmacy only).

The new module will replace the paper-based Paediatric National Inpatient Medication Chart (P-NIMC) and other existing medication and treatment order forms. However, existing clinical systems such as CHARM (Oncology) and MetaVision (Paediatric Intensive Care Unit) will still be used to manage medications-related information for some patients.

Benefits for staff

- Improved accuracy in prescribing, verifying and administering medications will lead to reductions in adverse drug events.
- Clinicians will be able to access real-time patient information via one electronic record.
- Integrated doctor, nurse and pharmacist workflows will improve communication and deliver efficiencies.
- System alerts will provide increased support for clinical decisions by providing guidance to clinicians and helping to prevent interactions or contra-indicated therapies.

Benefits for patients

- Patients will benefit from a more integrated healthcare experience.
- Streamlined systems will help improve service efficiencies

Who is affected?

Medications Management will be used by medical (prescribers), nursing, pharmacy, allied health and clinical administration staff.

Training

An extensive training and support program is being implemented to ensure staff receive information and support before, during and following implementation of the new system.

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

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- Critical Care (including Medical Imaging): Karen Gibb, Ruth Primmer
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Contact the ieMR team for more information.

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