

Electronic Medication Management (EMM) NSW Therapeutic Advisory Group Update June 2018

Transitions of Care Update

The Transition of Care (ToC) has progressed to a proof of concept project, which is the preliminary stage of the ToC review to determine its feasibility. The proof of concept will review the technical requirements to ensure the transfer of medication information between wards and ICU systems can feed to and from each other.

Andrew Perkins, eHealth Executive Director for Investment Strategy and Architecture has been announced as the ToC Sponsor. Andrew and his team have been driving the ToC concept, arranging the workshops with clinical and technical stakeholders and ensuring ToC is a viable concept from an architecture perspective.

As part of the proof of concept, three scenarios will be explored focusing on the transfer of a selected group of medications between systems. The proof of concept will assess the technical feasibility of interoperability for the key medical systems in these scenarios.

The three scenarios include:

- Scenario 1: eRIC and eMeds/eMR;
- Scenario 2: eRIC and MedChart; and
- Scenario 3: Philips and eMeds/eMR.

eMeds Custom Report Project Update

Development is continuing for the remaining eMeds custom reports:

- EM007 – Medication History Audit
- EM008 – Meds AMS Order by Order Date and Time

There will be ongoing communication and consultation with Subject Matter Expert (SME) group when required and changes to the eight reports will require overarching governance. Communication regarding the reports will continue via the eMeds and PowerChart Application Advisory Group (AAGs) and Triage groups. The project close out for the current eMeds Custom Report project scope is planned for 30th June; this project will then be transferred over to eHealth NSW Service Delivery for business as usual and ongoing maintenance.

Selected LHD Site Activities

- **Western Sydney Local Health District**

Cumberland Hospital has gone live with eMeds on the 5th June. This is the fourth eMeds go-live at WSLHD. Several areas at Cumberland have been provided with innovative network connectivity via Telstra's 4G network. This strategy connects eMEDs users directly to WSLHD's own WiFi network.

Cumberland Hospital will be the first site at WSLHD that implements the Medication Request, Pharmacy Patient Manager and Pharmacy Care Organiser MPages.

WSLHD continues working with eHealth and Cerner to test the Offline Medication Administration Chart (OMAC); there have been three rounds of testing and are near completion/

WSLHD recently hosted staff from the FWLHD and Rurals for a site visit to Blacktown and Mt Druitt Hospitals (BMDH). This was a very interactive day that provided the opportunity to share ideas and lessons learned.

The WSLHD eMeds plan to implement Continuous IVs, the Medication Request, Pharmacy Patient Manager and Pharmacy Care Organiser MPages at Auburn Hospital and BMD, and then Westmead Hospital.

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- **South Western Sydney Local Health District –**
SWSLHD are progressing with their journey into delivering eMeds. The SWSLHD steering committee has been established to provide governance and support the delivery of the eMeds project.
The SME sessions are underway with nursing, medical and pharmacy focused groups developed to inform and advise on Future State Reviews (FSR) workflows for the SWSLHD project. These SME meetings provide a valuable opportunity for clinical staff to influence eMeds design decisions, as well as allowing the project team time to engage and inform front-line clinical staff.
Hardware audits are underway across all SWSLHD sites in order to prepare for the eMeds implementation.
- **South Eastern Sydney Local Health District –**
The eMEDs rollout for St George Hospital has ran to schedule with all Medical and Surgical ward areas now live with eMeds. Theatres went live with eMeds on the 5th June followed by the Emergency Department the 19th June. The uptake of eMeds have been very positive across the St George campus with all staff embracing the significant clinical change. Planning is in place for the continuation of the eMeds rollout at Calvary and War Memorial Hospitals.
- **Northern Sydney and Central Coast Local Health District –**
Royal North Shore Hospital went live with eMeds on 5th June. The NSCC eMeds team have tested the following eMeds Custom Reports in their domain:
 - EM001 – Meds Orders for Co-sign
 - EM002 – Medication Reconciliation Compliance Audit
 - EM003 – Medication Reconciliation Current Inpatient

Example: Medication Reconciliation data results from the reports tested at Ryde Hospital from the period February to April 2018.

2710 patients were admitted during this timeframe, and 1373 patients were admitted for longer than 24 hours.

Med Histories

When the History was first taken

- 107 patients never had a history taken (7.8%)
- 870 patients had a history taken (but not marked as Best Possible Medication History (BPMH)) (63.5%)
- 396 patients had a BPMH taken (11 by medical officers, the remaining by Pharmacists) (28.8%)

When the History was last taken

- 107 patients never had a history taken (7.8%)
- 286 patients had a history taken (not marked as BPMH) (20.8%)
- 980 patients had a BPMH taken (350 by medical officers, the remaining by Pharmacists) (71.3%)
- 464 patients had a BPMH completed within 48 hours of admission- the KPI (33.7%)

Discharges

Discharge reconciliation

- 1148 patients have discharge reconciliation completed (83.6%)
- 50 patients only had partial reconciliation completed (medications do not flow onto the discharge summary with partial discharge reconciliation) (3.6%)
- 175 patients had no discharge reconciliation completed (12.7%)
- 216 patients' discharge medication reconciliation was updated (corrected) by a pharmacist