

Electronic Medication Management (EMM) NSW Therapeutic Advisory Group Update February 2017

Accelerated eMR Connect Program Delivery

The eMR Connect Program Scoreboard (at January 2017)

<i>eMR2</i>		<i>Community</i>		<i>eMeds</i>	
Live	Scope	Live	Scope	Live	Scope
138	179	333	333	8	58

The eMeds scope has expanded and approval has been received for 30 additional hospitals (increasing from 28 to 58 sites). 16,000 hospital beds are estimated to have eMeds by December 2018.

To best use the new funds allocated for eMeds from this year through to 2023, the eMR Connect Program considered:

- a whole-of-state perspective, maximising the opportunities to deliver eMeds benefits
- LHD readiness and existing eMR capability, rather than purely geographic 'spread'
- demonstrated maturity to support further concurrent implementations, with safety as a key consideration, and retaining experienced project and clinical teams
- the ability for new sites to start their eMeds projects and go live within the timeframe: January 2017 to December 2018

The eMR Connect Program is focused on concluding eMR2 and accelerating the eMeds roll out this year. eMR2 is currently live at 138 hospitals across NSW, with the target for completion by the end of 2017. The Community Health and Outpatient Care (CHOC) Program was completed in December 2016.

LHD Site Activities

- **Sydney Local Health District –**

The RPA eMeds project team have completed a new build in the test environment and have commenced testing of the new components. The team have recently completed unit testing and will be entering system testing in the upcoming weeks. Furthermore, the district is excited to be in the process of testing the state Glucose Management MPage and will be hosting user acceptance testing for the state in the upcoming weeks. SLHD are also continuing to work with eHealth to develop a state IV Heparin solution.

- **Hunter New England Local Health District –**

January was a busy month for the MedChart team at HNELHD. The Mater Mental Health hospital go-live was completed. The planning for the John Hunter Hospital was in full swing, as is the planning for implementation at Singleton District Hospital. Six new Clinical Nurse Educators commenced. The first ward at the John Hunter is live from the 13th February and then regular wards will be implemented after this.

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- **South Eastern Sydney Local Health District –**

Optimisation of eMEDs is continuing at Randwick Campus. The improvements to functionality will benefit all future SESLHD eMEDs sites, including The Sutherland Hospital (TSH). The eMEDs team at TSH has started unit testing of the new components before moving on to system and integration testing. Planning for the first go-live and subsequent roll-out is well underway with the first wards starting their conversion to eMEDs in late-March. The roll-out will progress through the facility to July 2017. Pre-implementation surveys show that there is good awareness of eMEDs at the facility (86%) as well as support for the introduction of eMEDs (84%)

The wireless network for the clinical areas at TSH has been installed and is nearly ready to be activated. Devices for wards have been ordered and are scheduled for delivery by the end of February. End user training has commenced with medical staff and pharmacy training underway. Training sessions the CNEs, AHNMs and ward based super users have been scheduled; nursing and midwifery staff will be trained closer to their ward go-live date.

- **St Vincent's Hospital, Darlinghurst –**

The EMM pharmacists have recently conducted an eMedicines session for the incoming JMOs. The session is part of a Pharmacy 'speed dating' activity in which JMOs rotate across four different workstations with a focus on practical application of knowledge. The eMedicines session is designed to be a hands on EMM training activity, with each JMO given their own 'practice' patient to work through a clinical scenario from admission right through to discharge. It is also used to highlight prescribing issues that have arisen in the past. The session has been highly regarded by JMOs in their feedback and evaluation.

A number of annual drug database maintenance activities are currently underway:

- Review of all clinical decision support rules (~700 rules) to ensure alignment with current reference material (e.g. AMH 2017), policies and guidelines.
- Review of high risk medicines register and related medicine profiles. At SVHS, the high risk medicines register is maintained in the EMM system with a list of all products included in this register available electronically. High risk medicines are automatically identifiable on the electronic medication chart via an on-screen flag.
- Review of all antineoplastic (cytotoxic or non-cytotoxic), special handling and hazardous substances and related clinical decision support. Reference is made to MIMS PI, eviQ, AMH, AIDH, APF, TGA ADEC category, NIOSH List of Antineoplastic and other Hazardous Drugs in Healthcare Settings and SNOMED CT AU.
- When available electronically, a review of the AIDH 7th edition will also be completed and cross-referenced to decision support within the EMM system and the Smart Infusion pumps.

- **North Sydney and Central Coast Local Health Districts –**

CCLHD and NSLHD have successfully completed their eMeds Future State Review events. The demonstrations were well received by clinicians with final endorsement of all workflows expected by the 31st March. eMeds system testing is planned to commence on the 1st April.