

NATIONAL INVENTORY MANAGEMENT FRAMEWORK PROJECT

Pilot Progress Update #4 ~ September 2013

The National Inventory Management Framework (NIMF) project, led by the Australian Red Cross Blood Service in collaboration with the National Blood Authority, aims to define safe optimal red cell inventory levels for the blood sector and develop better processes and guidelines for effective red cell inventory management. This communication provides an update on the progress of a national pilot, which forms stage two of the NIMF project involving seven Health Providers. The pilot will further validate the methodology established in stage one (proof of concept) of the project.

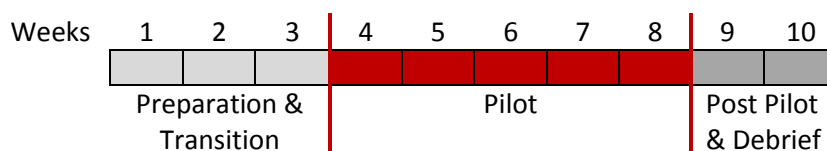
Pilot Progress Update

- Flinders Medical Centre and Royal Hobart Hospital have concluded the second pilot based on the amended calculations. Initial discussions with both laboratories indicate that the pilots progressed efficiently throughout the trial with the respective laboratory staff handling the conditions of the pilot as business as usual. Flinders Medical Centre currently remains on the red cell inventory levels tested during the pilot. The Royal Hobart Hospital has made a further minor downward adjustment to their red cell inventory levels since the pilot conclusion. Post pilot analysis will commence shortly for both sites. The project team thank Flinders Medical Centre and Royal Hobart Hospital for their participation and support of the project.
- The John Hunter Hospital concluded their pilot in September 2013. The debrief session held revealed that the pilot progressed smoothly with no noted impact on day to day operations. The John Hunter Hospital has further reduced their red cell inventory since the conclusion of the pilot. The project team thank the John Hunter Hospital for their participation and support of the project.
- Post pilot analysis is currently underway for the Townsville Hospital, which concluded on 1 September 2013. Feedback received to date from management and staff at the laboratory has been positive.
- The Royal Prince Alfred Hospital concluded their pilot in September 2013. The laboratory remains on the tested inventory levels, pending outcomes of the post pilot analysis. The pilot resulted in a number of operational changes for the laboratory and initial feedback indicates that these changes have made processing inventory easier. The learning's gained from this and the other pilots will support the development of the red cell inventory management guidelines component of the project.
- The sixth pilot commenced at Sir Charles Gairdner Hospital on 3 October 2013 and will conclude in early November 2013. Red cell inventory bands were developed and discussed with senior laboratory management prior to commencement. The project team will remain in close contact with the pilot site until the conclusion of the pilot.
- The project team is currently working with Melbourne Pathology on the data analysis required to determine red cell inventory levels for this last remaining pilot site.

NIMF pilot sites

Site	Health Provider	Jurisdiction	Proposed pilot commencement dates	Progress
A	Flinders Medical Centre	SA	27 May 2013 (P1) 16 August 2013 (P2)	Post pilot analysis Post pilot analysis
B	Royal Hobart hospital	TAS	17 June 2013 (P1) 16 August 2013 (P2)	Post pilot analysis Post pilot analysis
C	The Townsville Hospital	QLD	29 July 2013	Post pilot Analysis
D	Royal Prince Alfred Hospital	NSW	26 August 2013	Post pilot analysis
E	John Hunter Hospital	NSW	12 August 2013	Post pilot analysis
F	Sir Charles Gairdner Hospital	WA	3 October 2013	Commenced
G	Melbourne Pathology	VIC	28 October 2013	Pre-pilot data review

Proposed pilot duration for each site



NIMF project proposed timeframe*

Stage One - Proof of Concept

(Jun 2012 - Feb 2013)

Methodology to inform framework developed and tested

Stage Two – Pilot

(Mar - Dec 2013)

Methodology validation

Stage Three – Approval

(2014)

Approval of framework implementation strategy

Stage Four – State Rollout

(2014)

Implement and monitor state rollout

Stage Five – National Rollout

(2014/15)

National transition

Next edition

October update will be released in early November 2013.

Project Enquiries:

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*Subject to NIMF Steering Committee approval