Victorian Framework for the safe implementation of Automated Dispensing Cabinets

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Progress update:

► Methodology for the implementation framework
  ► Recommended ACHS framework for implementing large scale digital projects into health services
  ► Framework was informed by literature review, recommendations published by SHPA & ISMP.
► Benchmarking with other health services to understand their experiences with rolling out and managing ADCS, with and without integrations.
  ► Understand challenges, workflows and operational requirements with ongoing support , and craft groups involved in the process.
► Formed a small stakeholder group (from those who provided information for benchmarking and were willing to share their experiences).
► Have used own recent experience in the implementation and roll out of the ADCs in a new digital hospital (HIMSS level 6) at the Victorian Heart Hospital.
► IT manager as an associate investigator
  ► Provides technical guidance for the recommendations outlined in the framework.

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Framework contents:

- Background and scoping of the current literature and recommendations
  - Summary of benchmarking data of surveyed health services
  - Divided the framework to 6 stages
- Stage 1 - Project initiation and key considerations
  - Assessment (of medication management processes, staffing , workflows, IT infrastructure, budget) , building a business case, establishing governance, project team/planning committee and defining roles and responsibilities, staffing levels for the implementation and roll out, product evaluation and tender process
- Stage 2 - Implementation planning
  - Policy development & education and training (super user model/champion model/succession planning/ transition to BAU)
- Stage 3 - Design and Configuration
  - Various aspects of design decisions considerations (Access , stocking, discrepancy management, scanning etc) & Testing (sample of test scripts will be provided)
- Stage 4 - Deployment and Go Live
  - Mapping principles & stocking approach (OHS considerations etc)
- Stage 5 - Maintenance and support
  - Ongoing maintenance, Business Continuity plans & reporting functions
- Stage 6 - Integrating ADCs with EMMS & pharmacy dispensing software
  - Recommendations for considerations such as System/server requirements , testing , validations and support.

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Timeline – Progress to date

	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023	Sept 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024
Research	▓	▓											
Consultation and Planning		▓	▓										
Collaboration				▓	▓								
Data pooling						▓	▓	▓					
Review									▓	▓	▓		
Consolidation and Submission												▓	▓

Thank you