Electronic Blood Track System

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Electronic Blood Track System

Background

- Article 14 (Traceability) & Article 15 (Notification of SARs & SAEs) effective since Nov 2005
- Hospital led demand for a comprehensive IT system to assist staff comply with EU Blood Directive
- Must provide for more efficient use of blood and blood products
- Blood is a scarce & costly life-saving product with a limited shelf life
- Dependency on the donor population.
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Peer Review Process:

- Project could not officially start until formal approval from CMOD and Peer Review in place
- Radical approach required to achieve project objectives in the timeframes given
- The project team had to engage with the Peer Review panel at all the major project stages i.e. Business Case, RFT, Tender Evaluation, Contract stage etc. This was an additional administrative overhead in terms of scheduling.
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Scope

- Phase 1: Tracking of blood into and out of refrigerators, recording arrival of blood in high volume usage areas e.g. ICU, theatre etc.
- Phase 2: Continue the rollout of recording arrival of blood on ward and recording fate of unit at ward level in all remaining hospital departments i.e. locations not completed during Phase 1.
- Phase 3: Record all blood related events at the patient’s bedside i.e. from transfusion request to fate of unit.
- Accuscience Ireland the supplier – in conjunction with Haemonetics a Global Leader in Blood Management Solutions
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Scale

- 51 Hospitals
- Users 32500
- 141 Days Training (Phase 1) 746 All phases
- 81 Kiosk Installations
- 103 Fridge Locks
- 26 Lab System interfaces
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Centrally Hosted

- One Data Centre
- One Network
- One Database
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Benefits - Financial

- Reduces Blood wastage
- Reduces patient risk
- Reduces risk of Litigation
- Free up resources
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Benefits - Service

- Compliance with Directive
- Increases public confidence in traceability
- Patient safety upheld and protected
- Achieves greater efficiencies in blood transfusion
- Increases overall accountability – vein to vein
- Improves clinical transfusion process – standard operating procedures
- Enables optimum service delivery – accurate, timely and complete
- Enables performance management, planning and control
- Provides full audit trail activity
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Current Status

- Phase 1 is 30% complete
- Phase 1 to be completed by October 2013
- Phase 2 – 9 months rollout
- Phase 3 – 2 year rollout
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Thank You