

NHS BLOOD AND TRANSPLANT

BOWEL ADVISORY GROUP

IT IMPLEMENTATION PROGRESS REPORT

Summary

This report summarises further progress made since the last report in January 2012 on information technology project implementation within the Organ Donation and Transplantation (ODT) directorate.

The Poplar Release

A release of amendments to the National Transplant Database (NTxD) and EOS systems named internally as the Poplar release took place on 1st August 2012. This release consisted of a number of enhancements that address a mixture of organ allocation issues, policy decisions, and clinical developments that have led to traceability concerns, and some usability problems reported by users. These enhancements included:

- At CTAG's request, the Heart Promotion Scheme has been withdrawn, as this did not give the intended benefit of incentivising donation to the national pool of hearts.
- At OTAG's request, the CTFSII Study (Corneal Transplant Follow-up Study II) has been closed and any code that might have adversely affected patients formerly in the study has been withdrawn.
- The Patient Consent Scheme changes already in place for solid organ registrations have now been extended to ocular registration forms.
- More Information Governance-related controls are in place around the Duty Office Case List, protecting patient identities and preventing retrospective changes to case notes. This is a preliminary to the 'donor locking' changes now scheduled for the next NTxD release.
- Capture of 'offering method' in order to inform KPI monitoring the use of EOS.
- New ocular tissue types and substantial changes to the CTS Eye Bank system, allowing tissues from the same donor cornea or sclera to be used in multiple transplants. The impossibility of tracing the usage of this tissue has previously been an obstacle to exploiting clinical advances. At the same time, unused or unsuitable corneas can now be stored for up to a year and also properly traced. It is expected that this will make a significant difference in particular to the supply of scleral material, e.g. for glaucoma treatments.
- Changes to the Duty Office workflow to streamline the issue of eyes to CTS Eye Banks, which it is expected will save considerable staff time.
- Various minor changes to maintain the consistent behaviour of NTxD and EOS.
- A single new form for collecting ocular follow-up data, replacing several existing forms and more seamlessly integrated into the NTxD application.

The Willow Release

A further release is planned before the IFALD project which has been called the Willow release. This is planned to include:

- Changes to support a 6 digit Donor ID. This is in preparation for a longer term piece of work which will move away from sequential donor IDs.
- Amendments in EOS to standardise the recording of donor date of death.
- Introducing record-locking when updating donor records in NTxD and EOS.
- Introducing role-based access to EOS for the Tissue Services function in NHSBT
- Follow-on improvements from the Poplar release, particularly in relation to the Eye Banks

IFALD

The aim of this project is to integrate appropriate registration and allocation processes for patients with Intestinal Failure Associated Liver Disease (IFALD) and to allow recording of transplant and follow-up information on the National Transplant Database (NTxD). Project work has commenced and detailed system requirements are currently being worked up to support the approved user requirements specification now completed. Development of system changes will then begin with completion expected in 2013.

EOS Mobile (Previously called EOS4)

The EOS Mobile project responds to concerns expressed within the recipient community about the usability and accessibility of the Electronic Offering System (EOS) application. It also supports the requirements of the EU Directive on the Safety and Quality of Organs for Transplant that organ offers are made in writing. The project will provide an organ donor summary page, accessible via a new EOS interface which can be accessed via a simplified login process on a range of devices including tablet computers (e.g. iPads) and smart mobile phones. It is expected that the application will result in EOS being used to view all organ offers in the future.

The new system has now been developed and formal testing is now beginning. It is expected to be made available to EOS users in the winter of 2012/3. A clinical support group is also now being formed to identify how the system can be extended particularly to those transplant centres that do not currently use EOS, including developing training materials and revised notification processes.

ODT Clinical Micro Site

The ODT Clinical Micro Site is required to communicate policies, best practices and statistics to professional audiences or members of the general public who want greater and more detailed information. The site will also make the working of ODT more transparent.

The project is now in the delivery stage, collecting and approving content for the new site, finalising the sites design and also planning testing.

Aaron Powell
Business Manager, ODT
September 2012