

Pancreas Advisory Group
15th November 2018

Organ Quality Forms Update

The plans for the ODT Hub for 2018-19 had originally include the development of the previously described electronic Organ Quality Forms to replace HTA Form A and B, however the development of Form A has been delayed as the developer resource has instead been redirected towards necessary changes to the Organ Donor Register required for proposed legislation on presumed consent. The full Form A and backend development is currently scheduled to start in April 2019.

The development of the provisional eForm B remains on track and is expected to start rollout in December 2018, starting with pancreas transplant centres. This provisional form will replicate the data currently collected on the paper HTA Form B and is primarily intended to demonstrate that transplant centres being able to access and use the CRM is feasible, an essential precondition for moving entirely to electronic forms. When eForm A is developed, the full functionality of eForm B will be developed in parallel, including reconciliation of retrieval and implanting surgeons' assessments of anatomy, pathology and damage.

The architecture and exact appearance will differ from the prototype demonstrated previously but are intended to keep the same user-interface benefits such as conditional display of form fields according to relevance.

The dataset presented previously is to be expanded to include fields specific to novel preservation technology, and an exercise is underway to ensure mapping of all the existing NTxD variables so that the new dataset is not incompatible with legacy data.

The plan so far is for the following architecture to be used:

- A paper form to accompany each organ, with the hard copy of laboratory blood group report, containing a minimal dataset to correctly identify the organ and confirm the blood group report is that of the donor. These forms to be completed by the SNOD and will allow urgent organs to depart while the retrieval surgeon is still working on other organs.
- An electronic form ("eForm A") completed by the retrieval surgeon after the retrieval operation is complete, and available for view by recipient surgeons within minutes of completion and certainly before the organ arrives in the transplant centre. The form will reside within DonorPath and can be completed on the SNOD iPad, will have offline capability and interface with the main organ quality database. The eForm A presented to the transplant centres will also incorporate information entered by the SNOD and Organ Procurement Practitioner, such as timings to calculate ischaemic times and perfusion fluid details.
- There will be light touch validation of form fields to prevent clearly erroneous information being submitted, such as errors in sequence of timings or recording the same set of iliac vessels being sent with both liver and pancreas. The validation plans include a prompt to retrieve alternative vessels for the pancreas when both sets of iliac vessels need to be sent with the liver.
- Implanting surgeons will view the eForm A and complete eForm B using an interface within the CRM system used for managing the transplant list and offers
- If an organ is declined and re-offered by one or more transplant centres, both the original eForm A and each completed eForm B will be available to be viewed by centres receiving downstream offers

- The backend database application used to store and reconcile the data from the eForm A and B will be hosted within the CRM system

Desirable additional features, which may not be available immediately at launch, include activity and damage reports for all key stakeholders, a facility to generate more detailed reports, possibly including surgeon-specific data, for NORS centre leads and a facility to transmit organ images.

A detailed draft functional briefing document on the eForms is available to members of PAG on request.

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