

NHS BLOOD AND TRANSPLANT ORGAN DONATION AND TRANSPLANTATION DIRECTORATE

BOWEL ADVISORY GROUP

SUMMARY FROM STATISTICS AND CLINICAL STUDIES

INTRODUCTION

- 1 This paper provides an update from Statistics and Clinical Studies and summarises current and future work.

UPDATE FROM STATISTICS AND CLINICAL STUDIES

Centre specific reporting

- 2 Transplant centre specific reporting in the public domain is long established and historically has been in a number of formats. There is an increasing need for transparency and all Advisory Groups have been keen for openness and the public availability of data and information.
- 3 There are currently a number of drivers prompting a review of the information that is provided by NHSBT:
 - a. Need for a more coordinated, easy to access set of centre reports
 - b. Revised contractual arrangements with NHS England for audit reports (historically only covering cardiothoracic and liver transplantation)
 - c. Requests for information to support Clinical Reference Groups
 - d. Use of www.odt.nhs.uk as a suitable platform to publish data
- 4 Transplant centre information is currently available from NHSBT through a series of different reports and media. These include:
 - a. Annual Activity Report (basic activity data only)
 - b. Centre Specific Reports on www.odt.nhs.uk – including waiting times, cold ischaemia times and post-transplant survival rates, with funnel plot analyses in some cases
 - c. NHSBT Audit Reports – focussing on patient outcomes of liver and cardiothoracic organ transplant patients
 - d. Advisory Group papers (now available at www.odt.nhs.uk)
 - i. These include CUSUM reports of short term outcome centre monitoring for some groups
- 5 Over the coming year reporting will be streamlined such that other than the Annual Activity Report which provides basic activity data, where possible, centre reports to be published will be produced once a year with shorter, interim reports produced six months after each full report.
- 6 These reports will:
 - a. Cover all transplant centres
 - b. Include named centre data
 - c. Be validated by centres before publication
 - d. Be available publically (at www.odt.nhs.uk)

- e. Include all information requested routinely by third parties so that centres are aware of and have chance to validate all data that are to be published
- 7 It is anticipated that the reports cover a five to ten year period for trends but focus on the latest financial year in more detail, and include the following as a minimum (where appropriate for each organ):
- a. Basic waiting list and transplant activity data
 - b. Basic demographic data for waiting list and transplants
 - c. Median waiting times and outcomes from listing
 - d. Offer decline rates
 - e. Cold ischaemia times
 - f. Centre specific mortality and survival outcomes
 - i. Unadjusted and risk-adjusted graft and/or patient survival rates
 - ii. funnel plots for between centre comparisons
 - iii. CUSUM charts for continuous monitoring of centre performance
- 8 The Statistics and Clinical Studies team are currently drafting a cardiothoracic organ transplantation report which will be used as a base template for other organs. Stakeholder engagement will soon begin and will involve NHS England and the Solid Organ Advisory Groups. Working with the Advisory Groups, the reports will evolve over time to ensure comprehensive reporting and also that analyses remain relevant and timely. It is expected that the needs of regular users of such data, eg NHS England and the Clinical Reference Groups, will be met through the coverage of this annual review, offering transplant centres assurances about the data that NHSBT share about them and streamlining the provision of information from NHSBT.

CURRENT AND FUTURE WORK

- 9 The project to incorporate registrations and transplants of intestinal failure patients and the new allocation scheme went live on 22nd July 2013. An issue with waiting time calculations was identified a month later and the manual allocation scheme was reintroduced. After rectification of the error and substantial system testing the programmatic new allocation scheme went live again on 30 October 2013, after agreement from the Bowel Advisory Group.
- 10 Information on the use of the pancreas for historic transplants that transplant centres submitted to NHSBT in 2013 is currently being used to ensure the data on the UK Transplant Registry accurately reflect the organs transplanted.

Rachel Johnson
Head of Organ Donation and Transplantation Studies
Statistics and Clinical Studies

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