

**NHS BLOOD AND TRANSPLANT**  
**ORGAN DONATION AND TRANSPLANTATION DIRECTORATE**  
**LIVER ADVISORY GROUP**  
**SUMMARY FROM STATISTICS AND CLINICAL STUDIES**

**INTRODUCTION**

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

**UPDATE FROM STATISTICS AND CLINICAL STUDIES**

- 2 The 2014/15 Interim Report on Liver Transplantation was published in April 2015. The report covers 1 year of liver transplant data, from 1 October 2013. It presents information on number of transplants and survival after transplantation on a national and centre-specific basis.
- 3 Rachel Johnson has returned to the Statistics & Clinical Studies Department as of March 2015, as Head of Organ Donation and Transplantation Services, after spending six months away on secondment. Joanne Allen has left the Statistics and Clinical Studies department to become the Organ Donation and Transplantation Performance and Business Manager.
- 4 Elisa Allen will be going on maternity leave for a year from the end of June 2015. Rachel Johnson will take over as the NHSBT lead statistician for liver transplantation, closely supported by Kate Martin.

**CURRENT AND FUTURE WORK**

- 5 Work on the survival benefit of accepting the offer of a DCD liver compared to remaining on the transplant list waiting for a potential DBD liver was presented during the Annual Congress of the British Transplantation Society, Bournemouth UK, March 2015. This is collaborative work with clinicians at Addenbrooke's Hospital, Cambridge. Future work will investigate survival benefit for specific disease groups and develop an online tool to quantify survival benefit for specific patient and donor types.
- 6 Data analysis to assess the impact of weekend liver transplantation upon transplant survival has produced preliminary results. We have found a significant reduction in death or graft failure associated with liver transplantation at weekends of 10-20%, which is pertinent only to short-term post-transplant survival. An abstract was submitted to the BASL session of the Digestive Disorders Federation 2015. This is joint work with clinicians at the Royal Free Hospital, London. We are currently investigating the possible reasons for this effect.
- 7 A service development evaluation to transplant HCC down-staging patients was successfully introduced on 2 March 2015. A request for NHSBT IT resource to update the super-urgent registration form with the new categories developed by the acute liver failure FTWU was submitted on 6 January 2015.