

**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 (SCS) and summarises recent presentations and projects.

## UPDATE FROM SCS

- 2 The latest Interim Report on Liver Transplantation has been published. The report covers one year of liver transplant data, from 1 October 2015. It presents information on number of transplants and survival after transplantation on a national and centre-specific basis. Reports for all organs are available from <http://www.odt.nhs.uk/uk-transplant-registry/organ-specific-reports>.
- 3 New and updated reports, all Advisory Group papers and conference presentations continue to be posted on [www.odt.nhs.uk](http://www.odt.nhs.uk) so that they are publically available.
- 4 Professor Dave Collett, Associate Director of Statistics and Clinical Studies, will be retiring at the end of June 2017. Transition arrangements are still been finalised.
- 5 Please note our current arrangements for staff responsibilities, effective from April 2017.

Area	Lead	Support(s)
Donation	Susanna Madden	Rebecca Curtis, Esther Wong
Organ retrieval	Kate Martin	Rachel Hogg
Enquiries	Mark Jones	<a href="mailto:statistical.enquiries@nhsbt.nhs.uk">statistical.enquiries@nhsbt.nhs.uk</a>
Kidney transplantation	Lisa Mumford	Matthew Robb, Chloe Brown, Sophie Hughes
Pancreas transplantation	Claire Counter	Jo Bunnett
Liver transplantation	Elisa Allen	Cathy Hopkinson, Agne Zarankaite
Multi-visceral and composite tissue transplantation	Elisa Allen	Rachel Hogg
Cardiothoracic transplantation	Sally Rushton	Rachel Hogg, Esther Wong

## PRESENTATIONS

- 6 A presentation was given at the opening NHSBT session of the 2017 British Transplantation Society Congress entitled "Outcomes following weekend liver transplantation", investigating whether the UK model of liver transplantation service delivery ensures consistency in outcomes throughout the week. The slides can be viewed online here: <http://www.odt.nhs.uk/uk-transplant-registry/slides-presentations-for-download/>.

## RECENT AND FUTURE WORK

- 7 Work continues on developing the specifications for the National Liver Offering Scheme. Ongoing discussions are being held with the NHSBT HUB team to prepare for the imminent implementation of LAG agreed new offering policies, including changes to the Elective Liver Registration Form and Sequential Data Collection Form.
- 8 Ongoing statistical support is provided to the LAG Core Group.
- 9 The 2017 Annual Report on Liver Transplantation is expected to be published in the late summer. The responses collected via our online survey on all our Organ-Specific Annual Reports are being reviewed in order for improvements to be made to this year's report.
- 10 A new process to submit super-urgent appeal cases, as agreed by LAG in November 2016, was introduced on 13<sup>th</sup> April 2017. A new version of the Super-urgent Liver Recipient Registration form (FRM4324), which caters for this new process, has been circulated to all transplant centres.
- 11 The service evaluation to register patients onto the liver transplant list for sickle cell hepatopathy has been closed with effective date 2<sup>nd</sup> May 2017. In future, patients with this condition will be referred to the National Liver Appeals Panel for consideration for registration.

## DATA APPLICATIONS

- 12 A summary of recent applications for data, including cases where the Standard Liver Transplant Data Set has been provided, is shown at the **Appendix**. The Standard Liver Transplant Data Set has been prepared by SCS for provision in response to most data applications. However, some data applications still require bespoke extraction of data from our databases.

## ACTION

- 13 Transplant centres are reminded of the importance of maintaining up-to-date liver waiting lists via the NTxD ODT Patient List application, as we rely on these data to produce our Annual Report on Liver Transplantation.

Elisa Allen  
Statistics and Clinical Studies

April 2017

## APPENDIX

<b>Table Summary of Applications for Data, 1 October 2016 to 31 March 2017</b>					
<b>Study No.</b>	<b>Date of Application</b>	<b>Study subject</b>	<b>Researcher</b>	<b>Researcher location</b>	<b>Status</b>
1	03/10/2016	Prediction of ischemic cholangiopathy, overall morbidity and graft loss in liver transplantation donated after cardiac death (DCD)	Dr Andrea Schlegel/ Prof Paolo Muiesan	Queen Elizabeth Hospital, Birmingham	Completed
2	22/12/2016	Assessment of liver transplant listing for hepatitis C (HCV) in the direct acting antiviral (DAA) era	Dr Will Gelson	Addenbrooke's Hospital	Approved – not started
3	09/12/2016	Liver transplantation as a treatment for hepatocellular carcinoma; a study using existing electronic data*	Mr David Wallace	London School of Hygiene & Tropical Medicine	Approved – in progress
4	20/01/2017	Risk-adjusted mortality of patients from the South West Liver Unit post listing and post liver transplantation	Dr Ankur Srivastava/ Prof Matthew Cramp	Derriford Hospital	Approved – in progress
5	31/01/2017	Outcomes on the liver transplant waiting list: assessment of a revised UKELD and MELD using the RFH cirrhosis glomerular filtration rate	Dr Emmanuel Tsochatzis	UCL Institute for Liver and Digestive Health, Royal Free Hospital	Approved – not started
6	15/02/2017	Liver transplantation for hepatopulmonary syndrome*	Dr Joanna Leithead	Addenbrooke's Hospital Cambridge	Approved – in progress
7	21/02/2017	Impact of graft steatosis on outcome in liver transplantation	Dr Andrea Schlegel	Queen Elizabeth Hospital, Birmingham	Approved – not started

**\* Liver transplantation standard dataset (to be) provided**