

**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 *Organ Donation and Transplantation Annual Activity Report for 2016/17* was published in July 2017, reporting a total of 4,753 live-saving and life-transforming transplants last financial year. The report can be accessed via: <http://www.odt.nhs.uk/statistics-and-reports/annual-activity-report/>
- 3 New and updated reports, all Advisory Group papers and conference presentations continue to be posted on the new ODT Clinical Site <http://www.odt.nhs.uk>. At time of writing the 2017 Annual Reports on Kidney, Pancreas, Intestine, Liver and Cardiothoracic transplantation have been published with the remaining reports in development or out for stakeholder review. All reports will incorporate feedback from the Organ Specific Annual Reports Survey which was conducted earlier this year.
- 4 Professor Dave Collett, Associate Director of SCS, retired at the end of June 2017, after 14 years in that role. Rachel Johnson has been appointed as Dave's successor.
- 5 Please note our current arrangements for staff responsibilities.

Area	Lead	Support(s)
Donation	Susanna Madden	Rebecca Curtis, Esther Wong
Organ retrieval	Kate Martin	Sophie Hughes
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
Pancreas transplantation	Claire Counter	Jo Bunnett
Liver transplantation	Elisa Allen	Rhiannon Taylor, Cathy Hopkinson, Agne Zarankaite
Multi-visceral and composite tissue transplantation	Elisa Allen	Rachel Hogg
Cardiothoracic transplantation	Sally Rushton	Rachel Hogg, Esther Wong

## PRESENTATIONS AND AWARDS

- 6 A presentation was given, on behalf of NHSBT SCS, at the BLTG annual meeting, held on 19<sup>th</sup> and 20<sup>th</sup> September 2017. The presentation was given during the *National Activity* session and entitled *Annual Report 2016/17*.

- 7 A presentation was given at the NHSBT Research and Development Conference, held in Bristol on 19<sup>th</sup> and 20<sup>th</sup> October 2017. The presentation was entitled *The transplant benefit score and the national liver offering scheme*. The slides will be available online, at: <http://www.odt.nhs.uk/uk-transplant-registry/slides-presentations-for-download/>.
- 8 Elisa Allen and Rhiannon Taylor were awarded the NHSBT Excellence in Research 2017 award for their work in the transplant benefit score and the national liver offering scheme, as the best example of research output translated into service. The ceremony took place on 14<sup>th</sup> November 2017.

## RECENT AND FUTURE WORK

- 9 Ongoing support to the Organ Donation and Transplantation Directorate, and the Hub team, in the implementation of the National Liver Offering Scheme, including changes to the Elective Liver Registration and Sequential Data Collection Forms.
- 10 Ongoing statistical support to the Normothermic Regional Perfusion (NRP) business case working group, the DCD liver screening working group, and the LAG Core Group.
- 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.

## CLINICAL FELLOWS

- 12 Our contract with NHS England funds two clinical fellows to support our programme of audits and analyses. One of these is an ongoing post in cardiothoracic transplantation and is based in Papworth. The second post is currently vacant and will be advertised in December/January as a fellow to work in abdominal organ transplantation. Prof. John Forsythe and Rachel Johnson will be appointing to this post. Information about recruitment to this post will be sent out in due course.
- 13 In addition, NHSBT has recently funded a clinical fellow to work in organ utilisation alongside Chris Callaghan and the Statistics team. The interviews were held in November and the fellow appointed is expected to start early in 2018.

## DATA APPLICATIONS

- 14 A summary of the current status of applications for data, including cases where the Standard Liver Transplant Data Set has been provided, is shown at **Appendix I**. 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.

## ACTIONS

- 15 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.
- 16 Current membership of the Liver National Appeals Panels is shown at **Appendix II**. Members are asked to review and advise of any changes.

## APPENDIX I

**Table. Summary of Applications for Data, 1 April 2017 to 30 September 2017**

<b>Study No.</b>	<b>Date of Application</b>	<b>Study subject</b>	<b>Researcher</b>	<b>Researcher location</b>	<b>Status</b>
1	12/04/2017	The current practice of liver transplantation in the UK and factors that may have an impact on outcome – with special reference to the Northern Liver Alliance	Abdullah Khalid Malik	Newcastle University	Approved – completed
2	20/04/2017	The burden of severe liver disease in England	Dr Mary Ramsay	Public Health England	Approved – completed
3	18/08/2017	Multiorgan Graft Dysfunction from a single donor - does Primary Graft Dysfunction of the heart result in Primary Graft Dysfunction in kidneys?*	Sanjeet Singh	Golden Jubilee National Hospital	Awaiting approval

\* Liver transplantation standard dataset (to be) provided

## APPENDIX II

Table. Membership of the National Appeals Panel

Chairman	Prof John O'Grady
Deputy chairman	Prof Derek Manas
Centre	Contact
Royal Infirmary of Edinburgh	Kenneth Simpson Dr James Powell
Addenbrooke's - Cambridge	Dr Alex Gimson Mr Paul Gibbs
King's College - London	Prof Nigel Heaton Dr Varuna Aluvihare
Royal Free - London	Dr Douglas Thorburn Mr Charles Imber
Freeman Hospital - Newcastle upon Tyne	Dr Mark Hudson
St James's University Hospital - Leeds	Dr Rebecca Jones Mr Ernest Hildago
Queen Elizabeth Hospital - Birmingham	Mr Paolo Muiesan Dr James Ferguson