

NHS BLOOD AND TRANSPLANT

PANCREAS ADVISORY GROUP

SUMMARY FROM STATISTICS AND CLINICAL RESEARCH

INTRODUCTION

- 1 This paper provides an update from Statistics and Clinical Research and summarises recent presentations, publications and current and future work in the area of pancreas transplantation.

UPDATE FROM STATISTICS AND CLINICAL RESEARCH

- 2 New and updated reports, all Advisory Group papers and conference presentations continue to be posted on the ODT Clinical Site www.odt.nhs.uk.
- 3 Since the last PAG meeting, the first Annual Report on Organ Utilisation, covering all organs, was published in February 2025 <https://www.odt.nhs.uk/statistics-and-reports/>.
- 4 Please note our current arrangements for staff responsibilities in support of organs and tissues in the following table.

Area	Lead	Contact
Head of Organ Donation and Transplantation Studies	Lisa Mumford	lisa.mumford@nhsbt.nhs.uk
Organ donation	Susanna Madden	susanna.madden@nhsbt.nhs.uk
Organ retrieval	Rachel Hogg	rachel.hogg@nhsbt.nhs.uk
Ocular tissue	Cathy Hopkinson	cathy.hopkinson@nhsbt.nhs.uk
Organ utilisation	Jenny Mehew	jennifer.mehew@nhsbt.nhs.uk
Enquiries		statistical.enquiries@nhsbt.nhs.uk
Deceased kidney transplantation	Matthew Robb	matthew.robb@nhsbt.nhs.uk
Living kidney transplantation	Matthew Robb	matthew.robb@nhsbt.nhs.uk
Pancreas transplantation	Claire Counter	claire.counter@nhsbt.nhs.uk
Liver, multi-visceral and composite tissue transplantation	Rhiannon Taylor	rhiannon.taylor@nhsbt.nhs.uk
Cardiothoracic transplantation	Sally Rushton	sally.rushton@nhsbt.nhs.uk

RISK COMMUNICATION TOOLS

- 5 2021 saw the successful deployment of the NHSBT Risk Communication Tools. The NHSBT Risk Communication Tools are online personalised calculators, for each organ, that help clinicians communicate risks and benefits of transplantation to patients and aid understanding of statistics presented to them in clinic. They help visualise possible outcomes for patients from the point of listing or point of transplant for deceased donor transplantation.

- 6 The statistical models for all 5 Risk Communication Tools have been updated and the Risk Communication Tools now reflect these changes as of 3 March 2025. The tool can be accessed via <https://www.odt.nhs.uk/transplantation/tools-policies-and-guidance/risk-communication-tools/>.
- 7 The lung and kidney tools were also previously hosted by The Winton Centre for Risk and Evidence Communication, on their website. As the statistical models have now been updated and the NHSBT Risk Communication Tools will reflect these changes, please note that the Winton Centre Tools will no longer be accessible.
- 8 The NHSBT Statistics team are working on further improvements to the Risk Communication Tools for users this year and more updates will follow. We hope these tools continue to inform discussions in the difficult decisions that often arise for patients and clinicians during their journey in transplantation.

PRESENTATIONS

A presentation was given at the joint British Transplant Society and NHSBT Annual Congress, on Pancreas Transplantation in the UK. The presentation slides can be found here: <https://www.odt.nhs.uk/statistics-and-reports/slides-and-presentations/>.

PUBLICATIONS

- 9 There are no recent journal publications of note.

APPLICATIONS FOR DATA

- 10 There is one ongoing data application and a new application for multiple organs including pancreas.

Table 1 Details of applications received			
Applicant	Centre	Study Title and brief aims	Status
Daniel Doherty	Manchester	Hepatitis C Positive Organ Donation and Direct Acting Antivirals in Pancreas Transplantation: application to the UK	In progress
Rebecca Varley	Manchester	The impact of timing of retrieval and implantation on solid organ transplant outcomes	In progress

CURRENT AND FUTURE WORK

- 11 We have been working on an update to the baseline and monitoring periods for the CUSUM monitoring of pancreas transplantation.
- 12 The work on the effect of HLA mismatches on pancreas graft and patient survival has been accepted as an abstract at ESOT and will be written up for a journal paper.

- 13 We are working on simulations of the offering scheme with regards to altering points for travel time for a DCD donor for the DCD working group.
- 14 We have also been working on validating the US Pancreas Donor Risk Index (PDRI) on UK data with a view to creating a UK PDRI.
- 15 A journal paper is being prepared on DCD islet isolation and transplantation including an analysis of the effect of time to death on islet isolation outcomes.
- 16 We are involved in the work to upgrade the database where pancreas and islet data reside.

Claire Counter
Statistics and Clinical Research

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