

NHS BLOOD AND TRANSPLANT

LIVER 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 liver 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. An infographic summary of the key activities of the Statistics Team during 2024/2025 is shown in the **Appendix**.
4. Since the last meeting, the 2024/2025 Annual Report on Liver Transplantation and the 2024/2025 Annual Report on Intestinal Transplantation have been published on the ODT Clinical Site <https://www.odt.nhs.uk/statistics-and-reports/>.
5. Please note our current arrangements for staff responsibilities in support of organs and tissues.

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Liver, multi-visceral and composite tissue transplantation	Rhiannon Taylor	rhiannon.taylor@nhsbt.nhs.uk
Cardiothoracic transplantation	Sally Rushton	sally.rushton@nhsbt.nhs.uk

PRESENTATIONS

6. A summary of the annual report on liver transplantation was presented at the British Liver Transplant Group meeting in Belfast in October 2025.

RECENT AND FUTURE WORK

7. Monitoring of liver utilisation and transplantation is ongoing on a regular basis.
8. Statistics and Clinical Research continue to support the National Liver Offering Scheme monitoring committee, LAG Core Group, ODT Hub team and transplant centres to evaluate and implement any required changes arising from the formal review of NLOS to make sure that no patients are disadvantaged.
9. On-going support and analyses have been provided to the LAG Core Group, the Clinical Leads for Utilisation (CLUs) and the established fixed term working units.
10. A manuscript examining the impact of age mismatch on post-transplant survival is currently being produced.
11. The following projects are ongoing in collaborations with the following CLUs
 - a. Livers accepted but subsequently declined (A Butler)
 - b. Impact of certain donor liver function tests on offering and post-transplant outcome (A Sheriff)
 - c. Impact of peaks and troughs in liver offering on organ utilisation (R Mateos)
12. Work is underway on examining the impact of the formal NLOS review recommendations.
13. Finally, across all organ areas, lead Statisticians are supporting a large IT transformation project which will digitise the organ offering process thus significantly reducing the amount of manual data input required from Hub Operations. One of the key results will be that centres will be responsible for entering their response to offers and decline reasons, in real time. The project will also facilitate changes to the offering process due to the SCORE programme. Statisticians are providing expert advice on the data and organ offering processes. The improvements will enable more meaningful analyses, particularly in the area of organ utilisation.

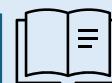
Appendix – Statistics Team 2024/25 Annual Summary

Statistics Team - 2024/25 Annual Summary



We are experts in statistical analysis and deliver objective evidence to monitor and improve the equity and quality of care provided to our donors and patients

KEY HIGHLIGHTS

 13 Annual Reports Published	 1st Report on Organ Utilisation (OU)	 CUSUM New Monitoring of Organ Retrieval	 22 Journal Publications
 19 Clinical Trials Supported	 4.6M Income - 3 New Research Grants	 1 National Comparative Audit	 Speakers at many conferences BTS, ESOT, ISHLT, Bowman, BASL, ...

IMPACT

Provided evidence to secure Normothermic Regional Perfusion funding

Developed NHSBT Total Blood Volume calculator for stem cell collections

1356 participants recruited into our clinical trials

Analysis to underpin the Sustainability and Certainty in Organ Retrieval (SCORE) programme

PUBLICATIONS INCLUDE



LOOKING AHEAD



Liver and Lung Offering Scheme updates



Expanding Power-BI suite and sharing Transplant Trust Reports on OU



Advancing AI capabilities and adoption

Contact us: Statistical.enquiries@nhsbt.nhs.uk

Website: <https://www.odt.nhs.uk/statistics-and-reports/>