

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. The Annual Report on Liver Transplantation was published in August 2024 and included UK and Republic of Ireland data.
3. The risk communication tools on the ODT Clinical Site are being updated. The tools are accessible from <https://www.odt.nhs.uk/transplantation/tools-policies-and-guidance/risk-communication-tools/> and are designed to support conversations between patients and clinicians at the time of listing about the risks and benefits of transplantation.
4. An NHSBT funded clinical fellow, Jade King, started working with the team in September 2023 for 3 years. She is based at the Royal Free and will examine inequalities in access to liver transplantation.
5. A new NHSBT funded clinical fellow, Fiona Hunt, started working with the team in May 2024 for 3 years. Fiona will be based at Edinburgh and will examine the impact of NRP utilisation.
6. Please note our current arrangements in the following table for staff responsibilities in support of organs and tissues.

PRESENTATIONS

7. A summary of the annual report on liver transplantation was presented at the British Liver Transplant Group meeting in Harrogate in September 2024.

PUBLICATIONS

8. A paper titled "Transplant benefit-based offering of deceased donor livers in the United Kingdom" was published in June 2024 in the Journal of Hepatology. The paper summarises the development of the National Liver Offering Scheme (NLOS).

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RECENT AND FUTURE WORK

9. Monitoring of liver utilisation and transplantation is ongoing on a regular basis.
10. 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.
11. 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.
12. A manuscript on the impact of transplant centre workload on post-transplant survival is currently being finalised.
13. A manuscript examining the impact of age mismatch on post-transplant survival is currently being produced.
14. 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 Sherif)
 - c. Impact of peaks and troughs in liver offering on organ utilisation (R Mateos)

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