

## 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](http://www.odt.nhs.uk). Since the last meeting, the Interim Report on Liver Transplantation has been published.
3. Risk communication tools for all organs have been developed using available data and are accessible from <https://www.odt.nhs.uk/transplantation/tools-policies-and-guidance/risk-communication-tools/>. These tools are designed to support conversations between patients and clinicians at the time of listing with regards to the risks and benefits of transplantation.
4. Please note our current arrangements for staff responsibilities in support of organs and tissues.

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**RECENT AND FUTURE WORK**

5. Monitoring of liver utilisation and transplantation is currently ongoing on a regular basis. An analysis of the impact of the first wave of COVID-19 on liver transplantation has been published. The impact of the second wave is currently being analysed.
6. 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 NLOS to make sure that no patients are disadvantaged.
7. IT testing is underway to update the parameter estimates and baseline survivor functions used to calculate the Transplant Benefit Score with the aim to improve equity of access for patients awaiting a liver transplant (e.g HCC patients).
8. 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.
9. An analysis to examine the impact of socioeconomic deprivation on UK liver transplantation is currently in the planning phase.
10. Analyses continue to be undertaken examining life expectancy post liver transplantation analysis for both adult and paediatric patients.
11. Manuscript being drafted detailing the development of the TBS and the impact of the first two years of the National Liver Offering Scheme.
12. A manuscript on the impact of transplant centre workload on post-transplant survival is currently being finalised.
13. A manuscript on the factors affecting livers retrieved but not transplanted is also currently being finalised.