

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 current and future work in the area of liver transplantation.

UPDATE FROM STATISTICS AND CLINICAL RESEARCH

- 2 Statistics and Clinical Studies merged in March 2021 with the NHSBT Research and development office and the Systematic Review Initiative (SRI) to form Statistics and Clinical Research.
- 3 All Advisory Group papers and conference presentations continue to be posted on the ODT Clinical Site www.odt.nhs.uk. Infographics to accompany the annual Organ Specific Reports, which summarise key information found in the reports, are now available on the ODT Clinical Site.
- 4 Please note our current arrangements for staff responsibilities in support of organs and tissues.

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CLINICAL FELLOWS

- 5 There are currently three clinical fellows working with the Statistics team across areas of organ transplantation;
 - a. Maria Ibrahim working in abdominal organ utilisation supervised by Professor John Forsythe and Mr Chris Callaghan,
 - b. George Greenhall working in malignancy in transplantation supervised by Professor Chris Watson and Mr Chris Callaghan,
 - c. Gillian Hardman in cardiothoracic transplantation supervised by Professor John Dark and Ms Karen Booth.

CURRENT AND FUTURE WORK

- 6 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 performed and a manuscript is currently being finalised.
- 7 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.
- 8 On-going support and analyses have been provided to the LAG Core Group and the established fixed term working units.
- 9 Analyses undertaken to examine the impact of updating the parameter estimates and baseline survivor functions used to calculate the Transplant Benefit Score.
- 10 Manuscript being drafted detailing the development of the TBS and the impact of the first two years of the National Liver Offering Scheme.
- 11 Analyses continues to be undertaken to determine the impact of transplant centre workload on post-transplant survival.
- 12 Analyses also continue to be undertaken examining life expectancy post liver transplantation analysis for both adult and paediatric patients.