NHS BLOOD AND TRANSPLANT

MULTI-VISCERAL AND COMPOSITE TISSUE 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 multi-visceral and composite tissue 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. Please note our current arrangements in the following table for staff responsibilities in support of organs and tissues.

RISK COMMUNICATION TOOLS

4. 2021 saw the successful deployment of the NHSBT Risk Communication Tools for kidney, pancreas, cardiothoracic and liver. 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.

5. 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/.

6. 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.

7. 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.

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PUBLICATIONS

8. The Statistics Team contributed to the MELODY (Mass Evaluation of Lateral Flow Immunoassays for the Detection of SARS-CoV-2 Antibody in Immunosuppressed People) Study which was recently published in *The Lancet*. The research reveals how a simple blood test can predict the severity of COVID-19 infection in immunocompromised patients, paving the way for personalised approaches to vaccination and better protection for those most at risk. The study is the largest of its kind, involving over 28,000 immunocompromised participants who had either received an organ transplant, had blood cancer or a rare autoimmune disease.

RECENT AND FUTURE WORK

9. Work has continued on developing an interim solution for collecting more extensive intestinal data. Additionally, initial discussions on the potential to add currently collected intestinal data to the International Registry have taken place.

10. The National Liver Offering Scheme, implemented in March 2018, is currently being formally reviewed monitoring and review committees to make sure that no patients are disadvantaged.

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Statistics and Clinical Research **May 2025**