

NHS BLOOD AND TRANSPLANT
ORGAN DONATION AND TRANSPLANTATION DIRECTORATE
CARDIOTHORACIC ADVISORY GROUP

SUMMARY FROM STATISTICS AND CLINICAL STUDIES

INTRODUCTION

- 1 This paper provides an update from Statistics and Clinical Studies and summarises recent presentations, publications, current and future work.

UPDATE FROM STATISTICS AND CLINICAL STUDIES

- 2 The Centre Specific Reports referred to in the paper for the previous (Spring 2014) meeting are now being finalised.
- 3 A national allocation scheme for DCD kidneys has been developed and went live on 3 September 2014.
- 4 Following staff changes, Lisa Bradbury has taken over responsibility for coordinating our work in kidney donation and transplantation.
- 5 Rachel Johnson has been seconded to the position of Assistant Director, Governance and Clinical Effectiveness for a six month period from August 2014. During this period Prof Dave Collett will attend the Advisory Group Chairs meetings.

CURRENT AND FUTURE WORK

- 6 Scout project. A detailed analysis of the 12 month data has been performed and the results presented at the ODT Senior Managers Meeting on 22 July 2014. Dr Jenny Lannon will be providing statistical support to the Scout Project Group, a sub-group of the NORS Review, in order to further review the project. The first Scout Project Group meeting was held on 10 September 2014.
- 7 Ongoing support is provided to both the heart and lung allocation working groups.

- 8 An analysis of the potential benefits of the proposed urgent lung scheme has been performed and the results are being discussed at the ODT Senior Managers Meeting on 23 September 2014. The potential benefits will be discussed alongside a risk assessment.
- 9 An analysis has been carried out to evaluate the balance of registrations to donors in each allocation zone. Following identification of an imbalance, work has been carried out to adjust the zonal boundaries. The proposed changes will be presented to CTAG with mind to implement in Autumn 2014.
- 10 Long-term VAD outcomes project. Preliminary analysis results were presented at the project group telecon on 16 July 2014. The purpose of this study is to produce unadjusted national estimates for a range of outcomes (including 30-day mortality and urgent heart listing), split by device type. Further analysis is required for a telecon in Autumn 2014.
- 11 An analysis has begun looking at the impact of the duration between brain stem death and retrieval on both heart and lung utilisation and post-transplant outcomes.
- 12 A proposed analysis plan has been written for the Outcomes from Lung Transplant Listing project. A telecon is being arranged in Autumn 2014 to discuss the proposal.
- 13 Work is being carried out on modelling the impact of ischemia time upon one-year patient survival after lung transplant. A manuscript is being written and results so far have been presented at the ISHLT Annual Congress.
- 14 Work continues on the DCD lung transplantation manuscript.
- 15 Discussions with IMACS are progressing regarding sharing VAD data with EUROMACS.