# NHS BLOOD AND TRANSPLANT

## MULTI-VISCERAL AND COMPOSITE TISSUE ADVISORY GROUP

## FOLLOW-UP FORM RETURN RATES REPORTED IN THE ANNUAL REPORT ON INTESTINAL TRANSPLANTATION

### BACKGROUND

1 NHSBT use the information returned on the post-transplant follow-up forms to estimate post-transplant survival for specific demographics (e.g. 5 year unadjusted patient survival estimates by transplant centre). This paper provides an examination of the form return rates for forms issued from 1 October 2019 to 30 September 2024 for both adult and paediatric deceased donor intestinal transplants performed in the UK.

### METHODS

2 Data on transplant record forms for all deceased donor intestinal transplants performed in the UK between 1 October 2019 to 30 September 2024 were extracted from the UK Transplant Registry on 27 November 2024 along with all follow-up forms issued to transplant centres for deceased donor intestinal transplants during the same time period.

### RESULTS

3 **Table 1** shows the form return rates for forms issued from 1 October 2024 to 30 September 2024 by age group and transplant centre. For adult transplants, the overall form return rate for the one-year follow-up form was 100%. The overall form return rate for the lifetime follow-up forms (2 years or over) was 98%.

4 For paediatric transplants, the overall form return rate for the one-year form was 78%. The overall form return rate for the lifetime follow-up forms was 84%. The overall transplant record form return rate was 43%, with a 20% return rate at King's.

**5** **Table 2** shows the form return rates for forms issued over 5 years, from 1 October 2019 to 30 September, by age group and transplant centre. For adult transplants, the one year form had 100% return rate and all but two lifetime forms returned. The form return rates for paediatric transplants were 95% for one year follow-up and 93% for lifetime follow-up.

### ACTION

5. Centres are asked to ensure follow-up is up-to-date to enable us to accurately monitor intestine transplantation.

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**Statistics and Clinical Research**

| Table 1 | Form return rates for deceased donor intestinal transplants, issued between 1 October 2023 to 30 September 2024, as at 27 November 2024 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Centre | Transplant record | | 3 Month follow-up | | 1 Year follow-up | | Lifetime follow-up | |
| | N | % Returned | N | % Returned | N | % Returned | N | % Returned |
| **1. Adult** | | | | | | | | |
| Cambridge | 13 | 77 | 15 | 100 | 12 | 100 | 64 | 98 |
| Oxford | 3 | 100 | 6 | 100 | 3 | 100 | 26 | 96 |
| **Total** | **16** | **81** | **21** | **100** | **15** | **100** | **90** | **98** |
| **2. Paediatric** | | | | | | | | |
| King's College | 5 | 20 | 5 | 80 | 0 | - | 15 | 93 |
| Birmingham | 2 | 100 | 4 | 75 | 3 | 100 | 46 | 80 |
| **Total** | **7** | **43** | **9** | **78** | **3** | **100** | **61** | **84** |

| Table 2 | Form return rates for deceased donor intestinal transplants, issued between 1 October 2019 to 30 September 2024, as at 27 November 2024 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Centre | Transplant record | | 3 Month follow-up | | 1 Year follow-up | | Lifetime follow-up | |
| | N | % Returned | N | % Returned | N | % Returned | N | % Returned |
| **1. Adult** | | | | | | | | |
| Cambridge | 62 | 74 | 63 | 100 | 57 | 100 | 277 | 100 |
| Oxford | 17 | 94 | 20 | 100 | 17 | 100 | 125 | 99 |
| **Total** | **79** | **78** | **83** | **100** | **74** | **100** | **402** | **100** |
| **2. Paediatric** | | | | | | | | |
| King's College | 12 | 42 | 13 | 92 | 9 | 89 | 69 | 97 |
| Birmingham | 15 | 100 | 15 | 93 | 13 | 100 | 212 | 92 |
| **Total** | **27** | **74** | **28** | **93** | **22** | **95** | **281** | **93** |