

NHS BLOOD AND TRANSPLANT

LIVER ADVISORY GROUP

FOLLOW-UP FORM RETURN RATES REPORTED IN THE ANNUAL REPORT ON LIVER 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 risk-adjusted patient survival estimates by transplant centre). Although the Annual Report on Liver Transplantation will not be produced until the Summer 2022, this paper provides an early examination of the form return rates for forms issued in 2021 for both adult and paediatric deceased donor liver only transplants performed in the UK.

METHODS

- 2 Data on transplant record forms for all deceased donor liver only transplants performed in the UK between 1 January 2021 and 31 December 2021 were extracted from the UK Transplant Registry on 12 April 2022 along with all follow-up forms issued to transplant centres for deceased donor liver only transplants performed between 1 April 2012 and 31 March 2022.

RESULTS

- 3 **Table 1** shows the form return rates for forms issued in 2021 by age group and transplant centre. The overall form return rate for the one year follow-up form was 83% and ranged between 30% and 100%. The overall form return rate for the lifetime follow-up forms (2 years or over) was 81% and ranged between 27% and 98%.
- 4 For paediatric transplants, all but three 3 month follow-up forms had been returned to NHSBT. The overall form return rate for the one year form was 89% and ranged between 64% and 95%. The overall form return rate for the lifetime follow-up forms (2 years or over) was 79% and ranged between 36% and 94% for the three paediatric centres.

ACTION

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

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Table 1 Form return rates for first deceased donor liver only transplants, 1 January 2021 to 31 December 2021 as at 12 April 2022									
Centre	Transplant record		3 month follow-up		1 year follow-up		Lifetime follow-up		
	N	% Returned	N	% Returned	N	% Returned	N	% Returned	
1. Adult									
Newcastle	44	100	43	93	27	89	215	98	
Leeds	84	98	83	100	84	85	632	84	
Cambridge	92	85	89	100	65	100	537	95	
Royal Free	87	100	76	100	62	81	631	78	
King's College	166	100	176	99	135	81	1016	84	
Birmingham	122	100	111	100	111	100	1062	92	
Edinburgh	53	98	53	98	57	30	509	27	
Total	648	97	631	99	541	83	4602	81	
2. Paediatric									
Leeds	16	100	15	80	14	64	83	36	
King's College	25	100	29	100	35	94	211	87	
Birmingham	26	100	26	100	21	95	139	94	
Total	67	100	70	96	70	89	433	79	