

NHS BLOOD AND TRANSPLANT

LIVER ADVISORY GROUP

GROUP 2 AND NON-UK RESIDENT EU GROUP 1 PATIENT TRANSPLANTS

SUMMARY

BACKGROUND

- 1 This paper reports on a) liver transplants performed in Group 2 patients and b) liver transplants performed in Group 1 non-UK resident EU patients, between 1 April 2014 and 31 March 2015.

METHODS

- 2 Data on all Group 2 patients and all Group 1 non-UK resident EU patients who received a liver transplant in the UK between 1 April 2014 and 31 March 2015 were obtained from the UK Transplant Registry (UKTR) as recorded on 6 April 2015.

RESULTS

Group 2 patients

- 3 There were 13 Group 2 liver transplants performed in the UK between 1 April 2014 and 31 March 2015, three in paediatric patients and ten in adult patients. Of these 13 transplants performed, eleven used a reduced liver from a living donor, one used a whole liver from a UK donor after brain death (DBD), and one used a whole liver from a UK donor after circulatory death (DCD).

Group 1 non-UK resident EU patients

- 4 There were 13 Group 1 non-UK resident EU patient liver transplants performed in the UK between 1 April 2014 and 31 March 2015, three in paediatric patients and ten in adult patients. Of these 13 transplants performed, one received a reduced liver transplant from a living donor and one from a DBD donor, three received a split liver transplant using a liver from a UK DBD donor and eight received a whole liver from a UK DBD donor.

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April 2015

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RESULTS

Group 2 transplants

- 3 **Table 1** summarises Group 2 liver transplants by transplant centre, transplant type and donor type (DBD=donors after brain death, DCD=donors after circulatory death) from 1 April 2014 to 31 March 2015.

Table 1 Group 2 patient liver transplants in the UK, 1 April 2014 - 31 March 2015					
Transplant centre	Transplant type	Donor type			Total
		DBD	DCD	Living	
Royal Free	Whole	1	0	0	1
King's College	Reduced	0	0	11	11
	Whole	0	1	0	1
TOTAL		1	1	11	13

DBD=Donors after brain death; DCD=Donors after circulatory death

- 4 There were 13 Group 2 liver transplants performed in the UK between 1 April 2014 and 31 March 2015. Of these three were in paediatric patients. All three paediatric patients received a reduced liver transplant using a liver from a living donor.
- 5 Of the ten adult Group 2 transplants, one received a whole liver from a UK DBD donor, one received a whole liver from a UK DCD donor and eight patients received a reduced liver transplant using a liver from a living donor. None of these patients were registered as super-urgent.
- 6 The permanent country of residence, recorded on the UKTR, for the three paediatric Group 2 patients was Kuwait (1), Qatar (1) and UAE (1). The permanent country of residence for the ten adult Group 2 patients was Iran (1), Kuwait (5), Libya (1), Qatar (1) and UAE (2).

- 7 **Appendix I** contains details of all patients in this cohort.
- 8 Further information regarding the two deceased UK donor livers used to transplant Group 2 adult patients, as recorded on the UKTR, is provided in **Table 2**.

Table 2 Further information regarding the two UK deceased donor livers used to transplant Group 2 patients

Donor type	Recipient age group at transplant	Transplant type	Liver offering information recorded on the UKTR
DBD	Adult	Whole	Adult donor. Edinburgh, Leeds, Royal Free, Birmingham and King's College declined for Group 1 patient because there were no suitable recipients. Newcastle and Cambridge declined for Group 1 patient because they were already receiving/transplanting. Royal Free accepted for Group 2 patient.
DCD	Adult	Whole	Adult donor. Liver fast tracked due to age. Offer not made to Leeds, Newcastle and Edinburgh for Group 1 patient due to donor age outside centre criteria. Royal Free, Cambridge, King's College and Birmingham declined for Group 1 patient due to donor past history, centre already transplanting, no suitable recipient and donor age, respectively. King's College accepted for Group 2 recipient.

Group 1 non-UK resident EU patient transplants

- 9 **Table 3** summarises Group 1 transplants for non-UK resident EU patients by transplant centre, transplant type and donor type from 1 April 2014 to 31 March 2015.

Table 3 Group 1 non-UK resident EU patient liver transplants in the UK, 1 April 2014 - 31 March 2015				
Transplant centre	Transplant type	Donor type		Total
		DBD	Living	
Royal Free	Split	1	0	1
	Whole	1	0	1
King's College	Reduced	1	0	1
	Split	1	0	1
	Whole	6	0	6
Birmingham	Reduced	0	1	1
	Split	1	0	1
	Whole	1	0	1
TOTAL		12	1	13
DBD=Donors after brain death; DCD=Donors after circulatory death				

- 10 There were 13 Group 1 non-UK resident EU patient liver transplants performed in the UK between 1 April 2014 and 31 March 2015. Of these, three were in paediatric patients. One of these paediatric patients received a reduced liver transplant using a liver from a living donor, one received a reduced liver transplant from a UK DBD donor, and one received a split liver transplant using a liver from a UK DBD donor.
- 11 Of the ten adult non-UK resident EU Group 1 patients, eight received a whole liver transplant using a liver from a UK DBD donor, and two received a split liver from a UK DBD donor. None of these patients were registered as super-urgent.
- 12 The permanent country of residence, recorded on the UKTR, for the three paediatric Group 1 non-UK resident EU patients was Bulgaria (1), Greece (1) and Malta (1). The permanent country of residence for the ten adult Group 1 non-UK resident EU patients was Cyprus (5), Greece (1) and Malta (4).
- 13 **Appendix II** contains details of all patients in this cohort.

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Appendix I Details of the Group 2 patient liver transplants in the UK, 1 April 2014 - 31 March 2015				
Patient number	Age group at transplant	Urgency status	Donor type	Transplant type
King's College				
1	Adult	Elective	DCD	Whole
2	Adult	Elective	Living	Reduced
3	Paediatric	Elective	Living	Reduced
4	Adult	Elective	Living	Reduced
5	Adult	Elective	Living	Reduced
6	Adult	Elective	Living	Reduced
7	Adult	Elective	Living	Reduced
8	Adult	Elective	Living	Reduced
9	Paediatric	Elective	Living	Reduced
10	Paediatric	Elective	Living	Reduced
11	Adult	Elective	Living	Reduced
12	Adult	Elective	Living	Reduced
Royal Free				
13	Adult	Elective	DBD	Whole
DBD=Donors after brain death; DCD=Donors after circulatory death				

Appendix II Details of the Group 1 non-UK resident EU patient liver transplants in the UK, 1 April 2014 - 31 March 2015				
Patient number	Age group at transplant	Urgency status	Donor type	Transplant type
Birmingham				
1	Adult	Elective	DBD	Whole
2	Adult	Elective	DBD	Split
3	Paediatric	Elective	Living	Reduced
King's College				
4	Adult	Elective	DBD	Whole
5	Adult	Elective	DBD	Whole
6	Paediatric	Elective	DBD	Split
7	Adult	Elective	DBD	Whole
8	Adult	Elective	DBD	Whole
9	Adult	Elective	DBD	Whole
10	Adult	Elective	DBD	Whole
11	Paediatric	Elective	DBD	Reduced
Royal Free				
12	Adult	Elective	DBD	Whole
13	Adult	Elective	DBD	Split
DBD=Donors after brain death; DCD=Donors after circulatory death				