

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 October 2014 and 30 September 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 October 2014 and 30 September 2015 were obtained from the UK Transplant Registry (UKTR) as recorded on 22 October 2015.

RESULTS

Group 2 patients

- 3 There were 12 Group 2 liver transplants performed in the UK between 1 October 2014 and 30 September 2015, two in paediatric patients and ten in adult patients. Of these 12 transplants performed, eleven used a reduced liver from a living donor, and one used a whole liver from a UK donor after circulatory death (DCD).

Group 1 non-UK resident EU patients

- 4 There were 16 Group 1 non-UK resident EU patient liver transplants performed in the UK between 1 October 2014 and 30 September 2015, two in paediatric patients and fourteen in adult patients. Of these 16 transplants performed, one received a reduced liver transplant from a living donor, two received a split liver transplant using a liver from a UK DBD donor, twelve received a whole liver from a UK DBD donor, and one from a UK DCD donor.

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October 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 October 2014 and 30 September 2015.

Table 1 Group 2 patient liver transplants in the UK, 1 October 2014 - 30 September 2015				
Transplant centre	Transplant type	Donor type		Total
		DCD	Living	
King's College	Reduced	0	11	11
	Whole	1	0	1
TOTAL		1	11	12
DBD=Donors after brain death; DCD=Donors after circulatory death				

- 4 There were 12 Group 2 liver transplants performed in the UK between 1 October 2014 and 30 September 2015. Of these, two were in paediatric patients. Both 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 DCD donor, and nine 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 two paediatric Group 2 patients was Kuwait (1) and Qatar (1). The permanent country of residence for the ten adult Group 2 patients was Kuwait (7), Libya (1) and UAE (2).
- 7 **Appendix I** contains details of all patients in this cohort.
- 8 Further information regarding the one UK deceased donor liver used to transplant a Group 2 adult patient, as recorded on the UKTR, is provided in **Table 2**.

Table 2 Further information regarding the one UK deceased donor liver used to transplant a Group 2 patient			
Donor type	Recipient age at transplant (years)	Transplant type	Liver offering information recorded on the UKTR
DCD	Adult	Whole	Donor 68 years old. 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 October 2014 to 30 September 2015.

Table 3 Group 1 non-UK resident EU patient liver transplants in the UK, 1 October 2014 - 30 September 2015					
Transplant centre	Transplant type	Donor type			Total
		DBD	DCD	Living	
Royal Free	Split	1	0	0	1
	Whole	3	0	0	3
King's College Birmingham	Whole	7	1	0	8
	Reduced	0	0	1	1
	Split	1	0	0	1
	Whole	2	0	0	2
TOTAL		14	1	1	16
DBD=Donors after brain death; DCD=Donors after circulatory death					

- 10 There were 16 Group 1 non-UK resident EU patient liver transplants performed in the UK between 1 October 2014 and 30 September 2015. Of these, two were in paediatric patients. One of these paediatric patients received a reduced liver transplant using a liver from a living donor, and one received a split liver transplant using a liver from a UK DBD donor.

- 11 Of the fourteen adult non-UK resident EU Group 1 patients, twelve received a whole liver transplant using a liver from a UK DBD donor, one from a UK DCD donor, and one 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 two paediatric Group 1 non-UK resident EU patients was Bulgaria (2). The permanent country of residence for the fourteen adult Group 1 non-UK resident EU patients was Cyprus (7), Gibraltar (2), Greece (2) and Malta (3).
- 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 October 2014 - 30 September 2015				
Patient number	Age at transplant (years)	Urgency status	Donor type	Transplant type
King's College				
1	Adult	Elective	DCD	Whole
2	Paediatric	Elective	Living	Reduced
3	Adult	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	Adult	Elective	Living	Reduced
10	Paediatric	Elective	Living	Reduced
11	Adult	Elective	Living	Reduced
12	Adult	Elective	Living	Reduced
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 October 2014 - 30 September 2015				
Patient number	Age at transplant (years)	Urgency status	Donor type	Transplant type
Birmingham				
1	Paediatric	Elective	DBD	Split
2	Adult	Elective	DBD	Whole
3	Adult	Elective	DBD	Whole
4	Paediatric	Elective	Living	Reduced
King's College				
5	Adult	Elective	DBD	Whole
6	Adult	Elective	DBD	Whole
7	Adult	Elective	DBD	Whole
8	Adult	Elective	DBD	Whole
9	Adult	Elective	DBD	Whole
10	Adult	Elective	DBD	Whole
11	Adult	Elective	DBD	Whole
12	Adult	Elective	DCD	Whole
Royal Free				
13	Adult	Elective	DBD	Whole
14	Adult	Elective	DBD	Whole
15	Adult	Elective	DBD	Whole
16	Adult	Elective	DBD	Split
DBD=Donors after brain death; DCD=Donors after circulatory death				