

**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.

**Kate Martin**  
**Statistics and Clinical Studies**

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## NHS BLOOD AND TRANSPLANT

### LIVER ADVISORY GROUP

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

#### 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 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.

Transplant centre	Transplant type	Donor type		Total
		DCD	Living	
King's College	Reduced	0	11	<b>11</b>
	Whole	1	0	<b>1</b>
<b>TOTAL</b>		<b>1</b>	<b>11</b>	<b>12</b>

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**.

<b>Table 2 Further information regarding the one UK deceased donor liver used to transplant a Group 2 patient</b>			
<b>Donor type</b>	<b>Recipient age at transplant (years)</b>	<b>Transplant type</b>	<b>Liver offering information recorded on the UKTR</b>
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.

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

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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<b>Appendix I Details of the Group 2 patient liver transplants in the UK, 1 October 2014 - 30 September 2015</b>				
<b>Patient number</b>	<b>Age at transplant (years)</b>	<b>Urgency status</b>	<b>Donor type</b>	<b>Transplant type</b>
<b>King's College</b>				
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				

<b>Appendix II Details of the Group 1 non-UK resident EU patient liver transplants in the UK, 1 October 2014 - 30 September 2015</b>				
<b>Patient number</b>	<b>Age at transplant (years)</b>	<b>Urgency status</b>	<b>Donor type</b>	<b>Transplant type</b>
<b>Birmingham</b>				
1	Paediatric	Elective	DBD	Split
2	Adult	Elective	DBD	Whole
3	Adult	Elective	DBD	Whole
4	Paediatric	Elective	Living	Reduced
<b>King's College</b>				
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
<b>Royal Free</b>				
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				