

# NHS BLOOD AND TRANSPLANT

## BOWEL ADVISORY GROUP

### SUMMARY OF REGISTRATIONS AND TRANSPLANT ACTIVITY

#### INTRODUCTION

- 1 This paper provides information on registrations for an intestinal transplant between 1 April 2010 and 13 March 2011, as well as a summary of the intestinal transplant activity between 1 April 2009 and 13 March 2011.

#### REGISTRATION ACTIVITY

- 2 In the period between 1 April 2010 and 13 March 2011, there were 25 registrations for an intestinal transplant. The outcome of these registrations for paediatric and adult patients, as at 13 March 2010, broken down by transplant centre can be found in **Table 1**.

Table 1	Outcome of intestinal registrations in the UK, between 1 April 2010 and 13 March 2011								
Transplant centre	Outcome of registrations as at 13 March 2011								No regns N
	Transplanted		Died		Removed		Active/Susp		
	N	%	N	%	N	%	N	%	
Paediatric recipients									
Birmingham	3	30	1	10	1	10	5	50	10
King's College	2	40	0	0	0	0	3	60	5
<b>Total</b>	<b>5</b>	<b>33</b>	<b>1</b>	<b>7</b>	<b>1</b>	<b>7</b>	<b>8</b>	<b>53</b>	<b>15</b>
Adult recipients									
Cambridge	4	67	0	0	0	0	2	33	6
Oxford	2	50	0	0	0	0	2	50	4
<b>Total</b>	<b>6</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>40</b>	<b>10</b>
<b>TOTAL</b>	<b>11</b>	<b>44</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>4</b>	<b>12</b>	<b>48</b>	<b>25</b>
Note:	Currently suspended patient at Cambridge registered prior to 1 April 2008 excluded from this figures Percentages have been rounded to the nearest whole number								

- 3 Of the 25 registrations for an intestinal transplant between 1 April 2010 and 13 March 2011, 11 (44%) resulted in a transplant, as at 13 March 2011. A breakdown of these transplants by transplant centre and type can be found in **Table 2** for paediatric and adult recipients.

<b>Table 2</b> <b>Intestinal transplants in the UK by recipient age group (at transplant), transplant centre and type, resulted from registrations between 1 April 2010 and 13 March 2011</b>				
Transplant centre	Transplant type			Total
	BO	MV	MMV	
Paediatric recipients	N	N	N	N
Birmingham	3	0	0	3
King's College	2	0	0	2
<b>Total</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>5</b>
<b>Adult recipients</b>				
Cambridge	0	2	2	4
Oxford	2	0	0	2
<b>Total</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>6</b>
<b>TOTAL</b>	<b>7</b>	<b>2</b>	<b>2</b>	<b>11</b>
Note: BO=Bowel only, MV=Multivisceral, MMV=Modified multivisceral BO comprises all transplants not including a liver or a pancreas				

## TRANSPLANT LIST

- 4 A description of the 21 patients actively waiting/suspended on the intestinal transplant list as at 13 March 2011 is presented in **Table 3**, for each transplant centre.

**Table 3 Patients on the intestinal transplant list, as at 13 March 2011**

Organs required at time of registration	Age (years)	Weight (kg)	Blood group	Disease	Waiting times (days)
<b>Birmingham</b>					
Bowel, pancreas, stomach				Intestinal pseudo-obstruction	
Liver, bowel, pancreas				Gastroschisis	
Liver, bowel, pancreas				Necrotising enterocolitis	
Liver, bowel, pancreas				Gastroschisis	
Liver, bowel, pancreas				Necrotising enterocolitis	
Bowel, pancreas				Microvillous inclusion disease	
<b>Cambridge</b>					
Bowel, liver, kidney, pancreas				Nodular regenerative hyperplasia in liver graft, recurrent encephalopathy	
Bowel, stomach, spleen <sup>1,2</sup>				Budd-Chiari Syndrome	
Bowel, liver, pancreas, stomach				Volvulus	
<b>King's College</b>					
Bowel				Short gut syndrome	
Bowel				Gastroschisis	
Bowel				Gastroschisis	
Bowel				Intestinal atresia	
Bowel				Tufting enteropathy	
<b>Oxford</b>					
Bowel, kidney <sup>1</sup>				Crohn's disease	
Bowel, pancreas, stomach, spleen, abdominal wall, right colon				Visceral neuropathy/myopathy	
Bowel, pancreas, stomach, spleen, abdominal wall, right colon				Visceral neuropathy/myopathy	
Bowel, pancreas, stomach, spleen, abdominal wall, right colon				Visceral myopathy of gut	
Bowel, abdominal wall				Ulcerative colitis	
Bowel, abdominal wall				Primary vascular disease	
Bowel, pancreas, kidney, stomach				Type I diabetes, associated enteropathy and gastropathy requiring TPN on a long-term basis	

<sup>1</sup> Patient currently suspended

<sup>2</sup> Registration prior to 1 April 2008

Note: Waiting times are calculated excluding suspension periods, and for BO patients may be up to a week longer

Age, weight and disease are given as recorded at registration

## TRANSPLANT ACTIVITY

- 4 Between 1 April 2009 and 13 March 2011, 39 patients had an intestinal transplant, of which 18 transplants took place in the current financial year (1 April 2010 to 13 March 2011) and 21 transplants in the previous financial year (1 April 2009 to 31 March 2010).
- 5 A summary of these transplants, split by recipient age group, transplant centre and type can be found in **Table 4**, for each of the two financial years.

**Table 4** Intestinal transplants in the UK between 1 April 2010 and 13 March 2011, by recipient age group (at transplant), transplant centre and type (1 April 2009 to 31 March 2010)

Transplant centre	Transplant type													
	BO		LBP		LO		MV		MMV		BP		Total	
Paediatric recipients	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Birmingham	4	(3)	2	(3)	1	(0)	0	(0)	1	(3)	0	(0)	8	(9)
King's College	2	(1)	0	(1)	0	(0)	0	(0)	0	(0)	0	(1)	2	(3)
Total	6	(4)	2	(4)	1	(0)	0	(0)	1	(3)	0	(1)	10	(12)
Adult recipients														
Cambridge	2	(1)	0	(0)	0	(0)	2	(1)	2	(3)	0	(0)	6	(5)
Oxford	2	(2)	0	(0)	0	(0)	0	(0)	0	(2)	0	(0)	2	(4)
Total	4	(3)	0	(0)	0	(0)	2	(1)	2	(5)	0	(0)	8	(9)
TOTAL	10	(7)	2	(4)	1	(0)	2	(1)	3	(8)	0	(1)	18	(21)

Note: BO=Bowel only, LBP=Liver, bowel and pancreas, LO= liver only, MV=Multivisceral, MMV=Modified multivisceral, BP=Bowel and pancreas  
BO comprises all transplants not including a liver or a pancreas