

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 October 2010 and 12 September 2011, as well as a summary of the intestinal transplant activity between 1 October 2010 and 12 September 2011.

REGISTRATION ACTIVITY

- 2 In the period between 1 October 2010 and 12 September 2011, there were 16 registrations for an intestinal transplant. The outcome of these registrations for paediatric and adult patients, as at 12 September 2011, broken down by transplant centre can be found in **Table 1**. Note that no patients registered in this time period were removed or suspended at time of analysis.

Table 1 Outcome of intestinal transplant registrations in the UK, between 1 October 2010 and 12 September 2011									
Transplant centre	Outcome of registrations as at 12 September 2011								No. regns N
	Transplanted		Died		Removed		Active		
	N	%	N	%	N	%	N	%	
Paediatric recipients									
Birmingham	2	67	1	33	0	0	0	0	3
King's College	0	0	0	0	0	0	1	100	1
Total	2	50	1	25	0	0	1	25	4
Adult recipients									
Cambridge	5	56	1	11	0	0	3	33	9
Oxford	2	67	0	0	0	0	1	33	3
Total	7	58	1	8	0	0	4	33	12
TOTAL	9	56	2	13	0	0	5	31	16
Note: Three patients suspended at the time of analysis were registered prior to 1 October 2010 and have been excluded from this table Percentages have been rounded to the nearest whole number and are based on small numbers									

- 3 Of the 16 registrations for an intestinal transplant between 1 October 2010 and 12 September 2011, 9 (56%) resulted in a transplant, as at 12 September 2011. A breakdown of these transplants by transplant centre and type can be found in **Table 2** for paediatric and adult recipients.

Table 2 Intestinal transplants in the UK by recipient age group (at transplant), transplant centre and type, resulted from registrations between 1 October 2010 and 12 September 2011

Transplant centre	Transplant type				Total N
	BO N	MV N	MMV N	LBP N	
Paediatric recipients					
Birmingham	2	0	0	0	2
King's College	0	0	0	0	0
Total	2	0	0	0	2
Adult recipients					
Cambridge	0	3	1	1	5
Oxford	2	0	0	0	2
Total	2	3	1	1	7
TOTAL	4	3	1	1	9

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

TRANSPLANT LIST

- 4 A description of the 14 patients actively waiting/suspended on the intestinal transplant list as at 12 September 2011 is presented in **Table 3**, for each transplant centre.

Table 3 Patients on the intestinal transplant list, as at 12 September 2011

Organs required at time of registration	Age (years)	Weight (kg)	BMI (kg/m ²)	Blood group	Disease	Waiting times (days)
Birmingham						
Liver, bowel, pancreas					Gastroschisis	
Liver, bowel, pancreas					Gastroschisis	
Liver, bowel, pancreas					Necrotising enterocolitis	
Cambridge						
Bowel, stomach, spleen ^{1,2}					Budd-Chiari Syndrome	
Bowel, pancreas, stomach					Gardner's syndrome, desmoid disease	
Bowel, kidney, pancreas, stomach					Pancreatitis leading to enterectomy and PN requirement	
Bowel, pancreas, stomach, colon					Primary vascular disease	
King's College						
Bowel					Tufting enteropathy	
Oxford						
Bowel, kidney ¹					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 ¹					Visceral myopathy of gut	
Bowel, abdominal wall					Ulcerative colitis	
Bowel, pancreas, kidney, stomach					Type I diabetes, associated enteropathy and gastropathy requiring TPN on a long-term basis	

¹ Patient currently suspended

² 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, height and disease are given as recorded at the time of registration

TRANSPLANT ACTIVITY

- 5 Between 1 October 2010 and 12 September 2011, 19 intestinal transplants were performed. 19 intestinal transplants were also performed in the earlier time period of 1 October 2009 to 30 September 2010.
- 6 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 time periods.

Table 4 Intestinal transplants in the UK between 1 October 2010 and 12 September 2011, by recipient age group (at transplant), transplant centre and type (1 October 2009 to 30 September 2010)

Transplant centre	Transplant type													
	BO		LBP		LO		MV		MMV		BP		Total	
	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Paediatric recipients														
Birmingham	5	(2)	0	(2)	0	(1)	0	(0)	1	(2)	0	(0)	6	(7)
King's College	3	(2)	0	(1)	0	(0)	0	(0)	0	(0)	0	(1)	3	(4)
Total	8	(4)	0	(3)	0	(1)	0	(0)	1	(2)	0	(1)	9	(11)
Adult recipients														
Cambridge	0	(3)	1	(0)	0	(0)	5	(1)	1	(3)	0	(0)	7	(7)
Oxford	3	(1)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	3	(1)
Total	3	(4)	1	(0)	0	(0)	5	(1)	1	(3)	0	(0)	10	(8)
TOTAL	11	(8)	1	(3)	0	(1)	5	(1)	2	(5)	0	(1)	19	(19)

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

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