

Southmead Hospital, Bristol  
Overview of activity, 2005 - 2007

Table 1: Overview of activity

Age of patient (years)	Number of patients on transplant list (daily average)	Percentage <sup>1</sup> of patients <sup>2</sup> receiving kidney only transplant within 1 year of listing	Number of transplants carried out (annual average)					Number of kidneys <sup>3</sup> retrieved by unit (annual average)
			All transplants	Kidney only transplants from			Multi-organ transplants that include a kidney	
				Heartbeating donors	Non-heartbeating donors	Live donors		
<18	13	67	11	6	1	4	0	103
≥18	305	25	98	39	25	34	0	

<sup>1</sup> As a percentage of the number of patients newly listed on the deceased donor transplant list between 2003 and 2005

<sup>2</sup> Exclusions - patients who received live donor transplants (as centre practices with regards to listing of such patients differ) and patients registered for kidney/pancreas transplant

<sup>3</sup> Kidneys donated by adult or paediatric deceased or live donors

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Details of activity, 2005 - 2007

Table 2: Donors

Deceased donors (annual average)			Live donors (annual average)	
Heartbeating	Non-heartbeating		Number	% of transplants in which kidneys from live donors were used <sup>2,3</sup>
Number	Number	% of transplants in which kidneys from non-heartbeating donors were used <sup>1,2</sup>		
18	15	25	37	34

<sup>1</sup>All non-heartbeating donor kidneys were transplanted in adult patients

<sup>2</sup>As a percentage of all transplants at the centre in adult or paediatric patients using kidneys from live or deceased donors

<sup>3</sup>See Table 4 for numbers of transplants in paediatric and adult patients

Table 3: Patients on the active transplant list

Age of patient (years)	Number of patients on the transplant list (daily average)	Percent change in list size over time period	Number of patients joining the deceased donor transplant list (2003-2005) <sup>1</sup>	Percentage of patients receiving kidney only transplant within:		
				6 months	1 year	2 years
<18	13	+38	27	59	67	67
≥18	305	+27	272	16	25	38

<sup>1</sup>Exclusions - patients who received live donor transplants (as centre practices with regards to listing of such patients differ) and patients registered for a kidney/pancreas transplant

Table 4: Transplants

Age of patient at transplant (years)	Number of transplants carried out (annual average)	Number of kidney only transplants from: (annual average)			Number of multi-organ transplants that include a kidney (annual average)
		Deceased donors		Live donors	
		Heartbeating	Non-heartbeating		
<18	11	6	1	4	0
≥18	98	39	25	34	0

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Survival rates

Table 5: Survival rates for adult (age <sup>≥</sup> 18 years) transplant patients<sup>1</sup>  
(Note: Only the risk-adjusted rates for a centre can be validly compared with the 'All centres' rates)

	This centre					All centres		
	Number of transplants	Unadjusted		Risk-adjusted		Number of transplants	Survival estimate (%)	95% CI
		Survival estimate (%)	95% CI	Survival estimate (%)	95% CI			
<b>First deceased donor transplants</b>								
1 year survival Graft	257	95	(91, 97)	94	(83, 100)	4987	92	(92, 93)
Patient	257	95	(92, 97)	95	(84, 100)	4987	96	(95, 97)
5 year survival Graft	208	88	(82, 92)	87	(75, 100)	5047	82	(81, 83)
Patient	208	87	(81, 91)	88	(75, 100)	5047	87	(86, 88)
<b>Live donor transplants</b>								
1 year survival Graft	137	98	(93, 99)	98	(82, 100)	2242	96	(95, 96)
Patient <sup>2</sup>	121	99	(94, 100)	99	(82, 100)	1955	98	(98, 99)
5 year survival Graft	58	95	(85, 98)	94	(71, 100)	1409	88	(87, 90)
Patient <sup>2</sup>	52	100	-	100	-	1232	95	(94, 96)

<sup>1</sup> Cohorts for survival rate estimation:  
1 year survival: 1 Jan 2002 - 31 Dec 2006  
5 year survival: 1 Jan 1998 - 31 Dec 2002

<sup>2</sup> First grafts only - re-grafts excluded for patient survival estimation

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Survival rates

Table 6: Survival rates for paediatric (age < 18 years) transplant patients<sup>1</sup>  
(Note: Only the risk-adjusted rates for a centre can be validly compared with the 'All centres' rates)

	This centre					All centres		
	Number of transplants	Unadjusted		Risk-adjusted		Number of transplants	Survival estimate (%)	95% CI
		Survival estimate (%)	95% CI	Survival estimate (%)	95% CI			
<b>First deceased donor transplants</b>								
1 year survival Graft	42	95	(82, 99)	95	(68, 100)	334	92	(89, 95)
Patient	42	100	-	100	-	334	100	(98, 100)
5 year survival Graft	30	75	(54, 87)	75	(47, 100)	385	77	(72, 81)
Patient	30	96	(73, 99)	96	(64, 100)	385	98	(96, 99)
<b>Live donor transplants</b>								
1 year survival Graft	19	95	(68, 99)	95	(56, 100)	231	97	(94, 99)
Patient <sup>2</sup>	16	100	-	100	-	211	99	(96, 100)
5 year survival Graft	12	92	(54, 99)	98	(49, 100)	166	84	(77, 89)
Patient <sup>2</sup>	10	100	-	100	-	153	96	(90, 98)

<sup>1</sup> Cohorts for survival rate estimation:  
1 year survival: 1 Jan 2002 - 31 Dec 2006  
5 year survival: 1 Jan 1998 - 31 Dec 2002

<sup>2</sup> First grafts only - re-grafts excluded for patient survival estimation