

Guy's Hospital, London
Overview of activity, 2009 - 2011

Table 1 Overview of activity

Age of patient (years)	Number of patients on transplant list (daily average)	Percentage ¹ of patients ² receiving kidney only transplant within 1 year of listing	Number of transplants carried out (annual average)					Number ³ of kidneys ⁴ retrieved (annual average)
			All transplants	Kidney only transplants from:			multi-organ transplants that include a kidney	
				DBD donors	DCD donors	Live donors		
<18	12	30	18	6	0	11	0	355
≥18	384	8	192	49	14	105	25	

¹ As a percentage of the number of patients newly listed on the deceased donor transplant list between 2007 and 2009

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

³ Total of kidneys retrieved from centres in the South Thames alliance

⁴ Kidneys donated by adult or paediatric deceased or live donors

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Table 2 Donors (Note: Deceased donor numbers are totals for all centres in the South Thames alliance)

DBD Number	Deceased donors (annual average)		Live donors (annual average)	
	Number	DCD % of transplants in which kidneys from donors after circulatory death were used ^{1,2}	Number	% of transplants in which kidneys from live donors were used ^{1,2}
67	30	9	115	55

¹ As a percentage of all transplants at the centre in adult or paediatric patients using kidneys from live or deceased donors

² See Table 4 for number 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)	Percentage change in list size over time period	Number of patients joining the deceased donor transplant list (2007-2009) ¹	Percentage of patients receiving kidney only transplant within:		
				6 months	1 year	2 years
<18	12	-21	20	25	30	60
≥18	384	-4	415	4	8	15

¹ 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	
		DBD	DCD		
<18	18	6	0	11	0
≥18	192	49	14	105	25

Guy's Hospital, London Survival rates

Table 5 Survival rates for adult (age ≥ 18 years) transplant patients¹
(Note: Only the risk-adjusted rates for a centre can be compared validly with the 'All centre' rates)

		This centre					All centres		
		Unadjusted			Risk-adjusted				
		Number of transplants	Survival estimate (%)	95% CI	Survival estimate (%)	95% CI	Number of transplants	Survival estimate (%)	95% CI
First deceased donor transplants									
1 year survival	Graft	237	93	(90 - 96)	93	(88 - 96)	5482	93	(92 - 94)
	Patient	237	96	(93 - 98)	95	(90 - 98)	5485	96	(95 - 96)
5 year survival	Graft	262	82	(76 - 86)	82	(76 - 87)	4982	84	(83 - 85)
	Patient	262	89	(84 - 92)	89	(84 - 93)	4985	88	(87 - 89)
Live donor transplants									
1 year survival	Graft	425	96	(94 - 98)	96	(94 - 98)	4071	97	(96 - 97)
	Patient ²	360	97	(95 - 99)	98	(95 - 99)	3484	99	(98 - 99)
5 year survival	Graft	211	94	(89 - 96)	93	(88 - 96)	2239	91	(89 - 92)
	Patient ²	187	94	(89 - 97)	95	(92 - 98)	1952	96	(95 - 97)

¹ Cohorts for survival estimation

1 year survival: 1 Jan 2006 - 31 Dec 2010

5 year survival: 1 Jan 2002 - 31 Dec 2006

² First grafts only - re-grafts excluded for patient survival estimation

Guy's Hospital, London Survival rates

Table 6 Survival rates for paediatric (age < 18 years) transplant patients¹
(Note: Only the risk-adjusted rates for a centre can be compared validly with the 'All centre' rates)

		This centre					All centres		
		Unadjusted			Risk-adjusted				
		Number of transplants	Survival estimate (%)	95% CI	Survival estimate (%)	95% CI	Number of transplants	Survival estimate (%)	95% CI
First deceased donor transplants									
1 year survival	Graft	20	95	(69 - 99)	95	(71 - 100)	310	95	(92 - 97)
	Patient	20	95	(69 - 99)	94	(67 - 100)	310	100	(98 - 100)
5 year survival	Graft	20	75	(50 - 89)	73	(36 - 91)	333	82	(78 - 86)
	Patient	20	95	(68 - 99)	96	(80 - 100)	334	99	(97 - 100)
Live donor transplants									
1 year survival	Graft	47	100	N/A	100	N/A	289	97	(94 - 98)
	Patient ²	44	100	N/A	100	N/A	281	99	(97 - 100)
5 year survival	Graft	35	97	(80 - 100)	97	(82 - 100)	230	94	(90 - 96)
	Patient ²	35	97	(81 - 100)	97	(84 - 100)	210	98	(95 - 99)

¹ Cohorts for survival estimation

1 year survival: 1 Jan 2006 - 31 Dec 2010

5 year survival: 1 Jan 2002 - 31 Dec 2006

² First grafts only - re-grafts excluded for patient survival estimation