

**The Royal London 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	254	16	121	51	24	45	0	417

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 North Thames alliance

⁴ Kidneys donated by adult or paediatric deceased or live donors

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Details of activity, 2009 - 2011**

Table 2 Donors (Note: Deceased donor numbers are totals for all centres in the North 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}
93	38	20	44	37

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	254	-10	258	7	16	30

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	121	51	24	45	0

The Royal London 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			
		Number of transplants	Unadjusted		Risk-adjusted		Number of transplants	Survival estimate (%)	
Survival estimate (%)	95% CI		Survival estimate (%)	95% CI	Survival estimate (%)	95% CI			
First deceased donor transplants									
1 year survival	Graft	265	91	(87 - 94)	92	(88 - 95)	5482	93	(92 - 94)
	Patient	265	93	(89 - 95)	93	(89 - 96)	5485	96	(95 - 96)
5 year survival	Graft	184	84	(78 - 89)	86	(79 - 90)	4982	84	(83 - 85)
	Patient	184	92	(87 - 95)	91	(85 - 95)	4985	88	(87 - 89)
Live donor transplants									
1 year survival	Graft	169	97	(93 - 99)	97	(93 - 99)	4071	97	(96 - 97)
	Patient ²	151	99	(94 - 100)	98	(93 - 100)	3484	99	(98 - 99)
5 year survival	Graft	73	86	(76 - 92)	86	(74 - 93)	2239	91	(89 - 92)
	Patient ²	61	95	(85 - 98)	94	(82 - 99)	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