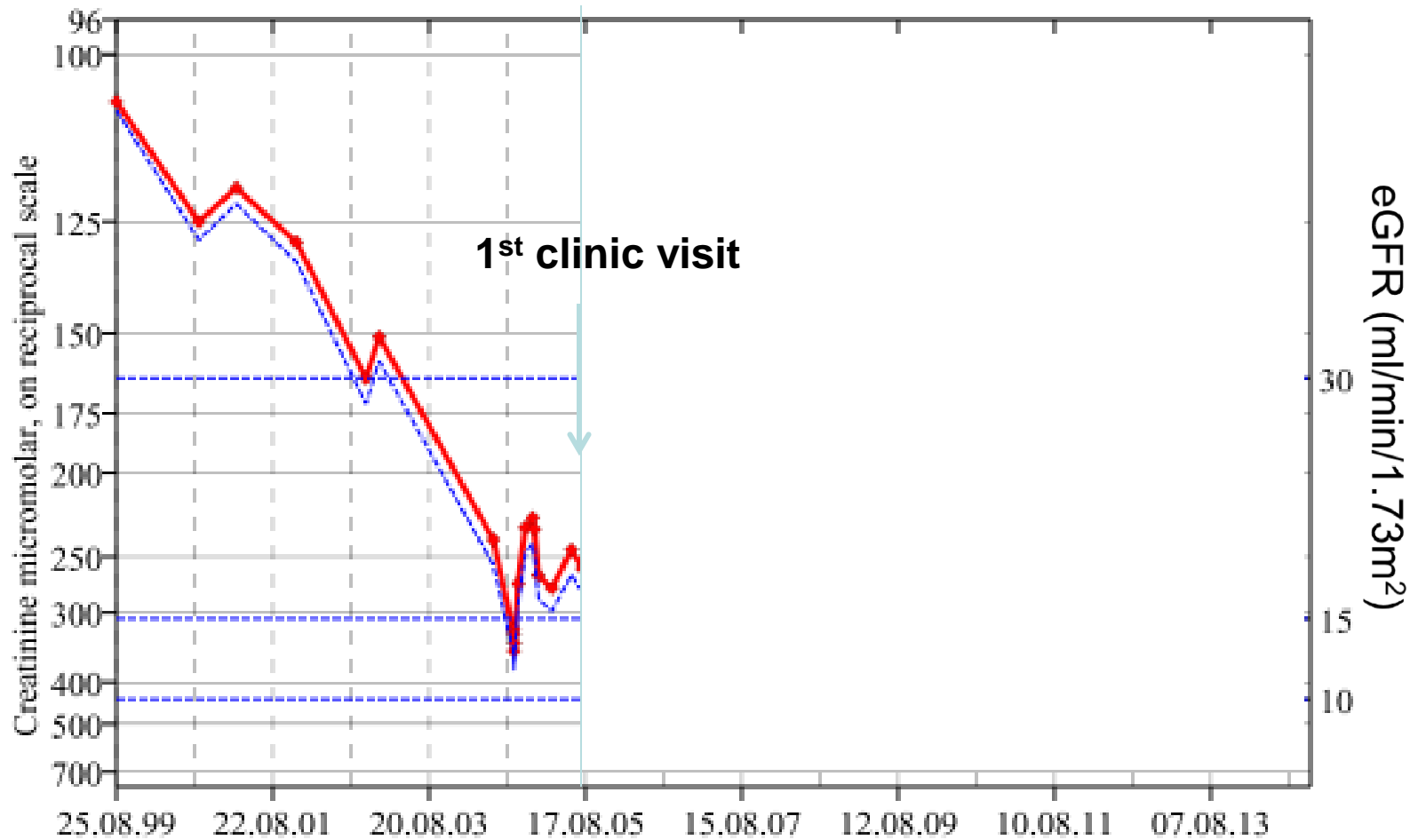
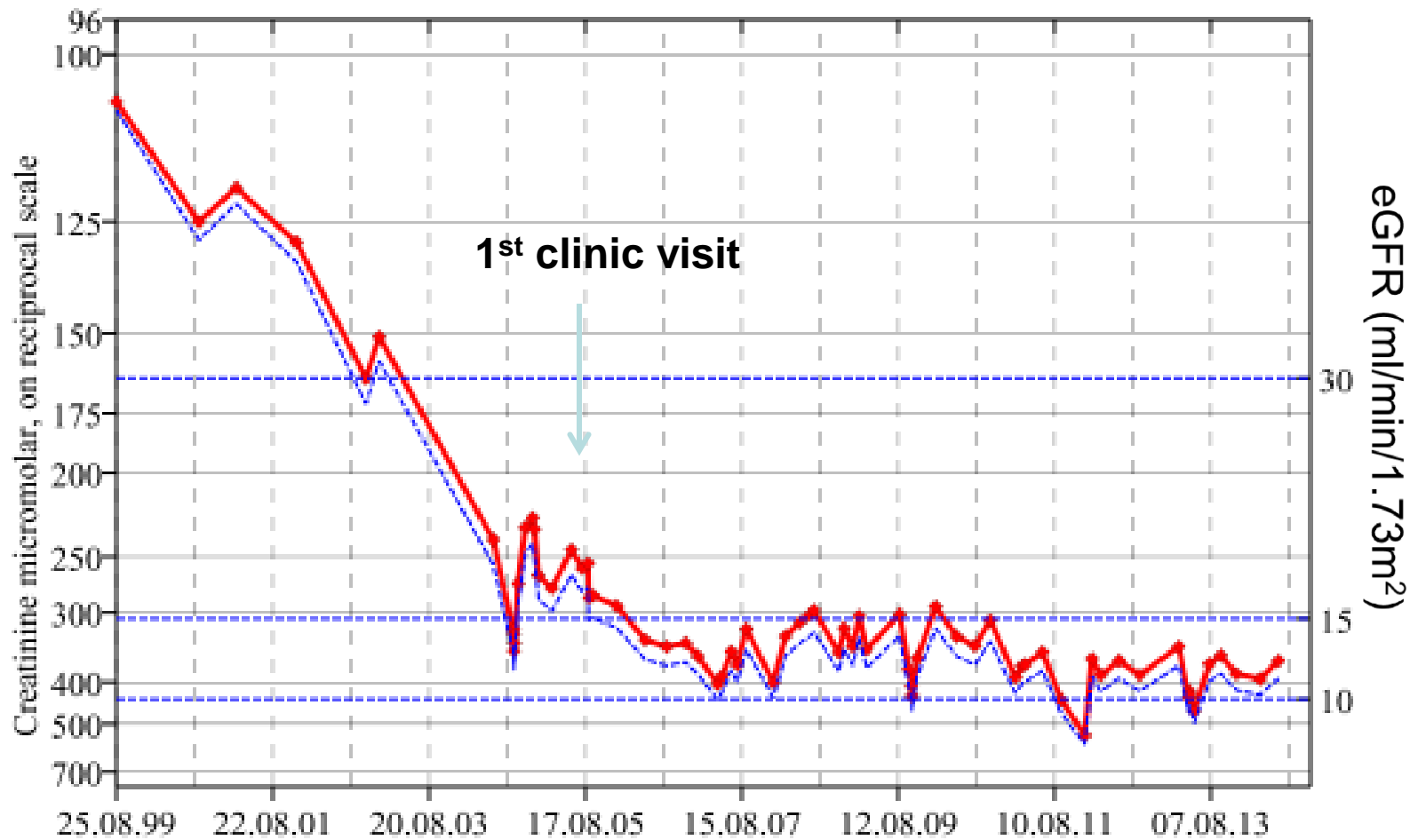


What does success look like in the renal clinic?

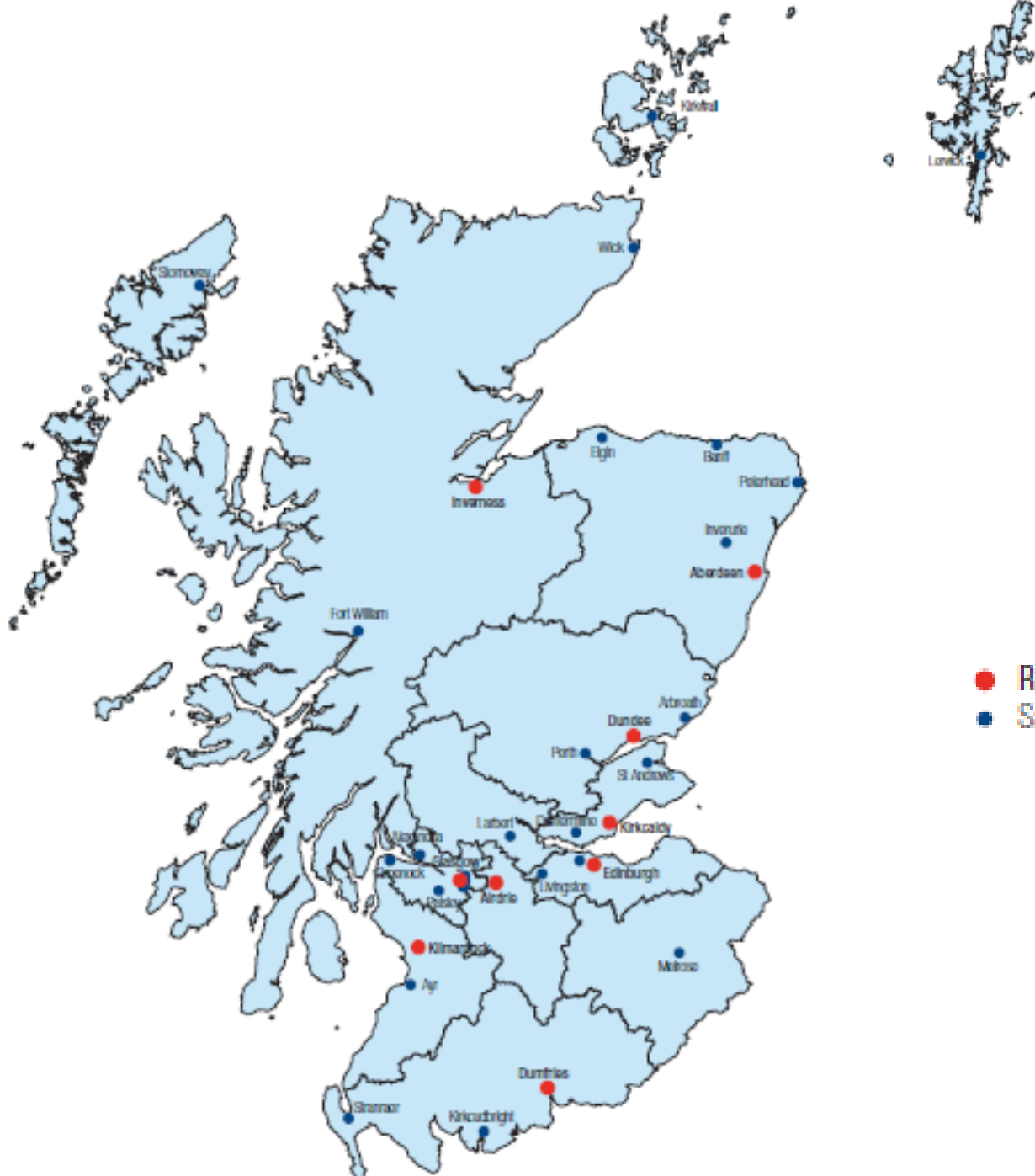


What does success look like in the renal clinic?



Haemodialysis





- Renal Unit
- Satellite Dialysis Unit

Arteriovenous Fistula



Downside of haemodialysis

- Typically requires coming to hospital 3 times weekly
- Dietary restrictions
- Often fluid restriction
- Predisposes to complications: cardiovascular, infection

The future?? Wearable portable dialyser



Peritoneal dialysis

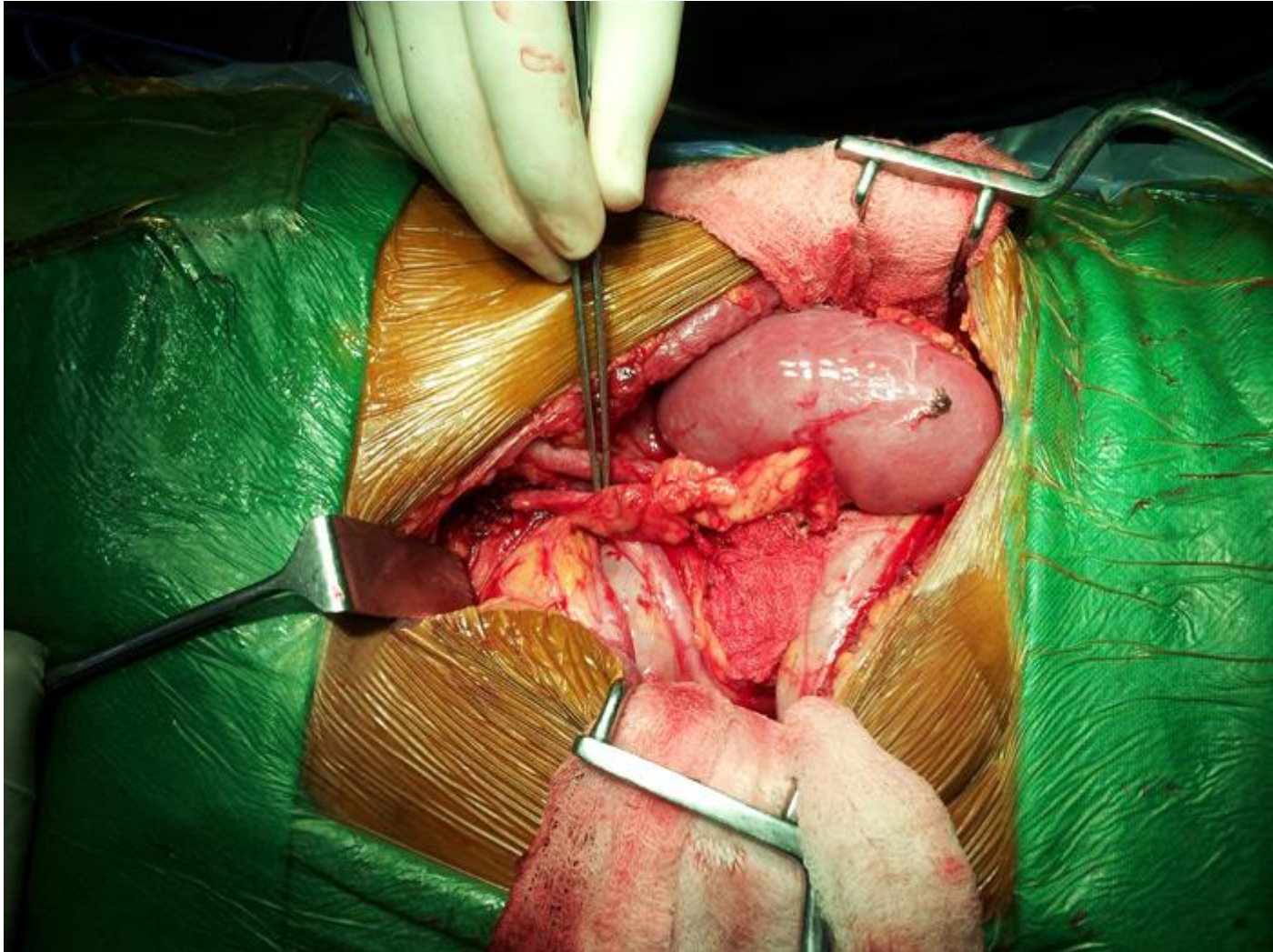


Peritoneal dialysis

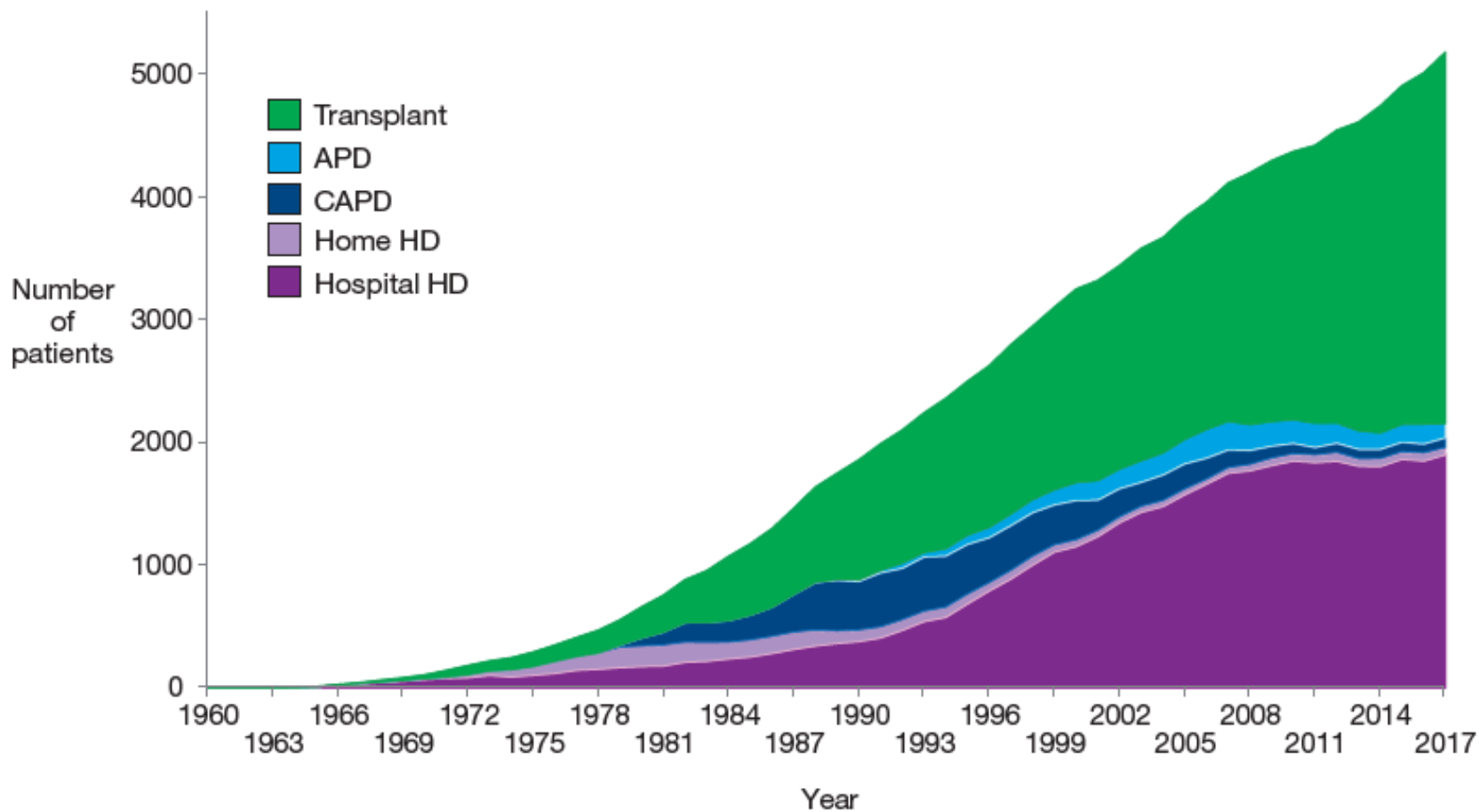


Transplantation

Transplantation

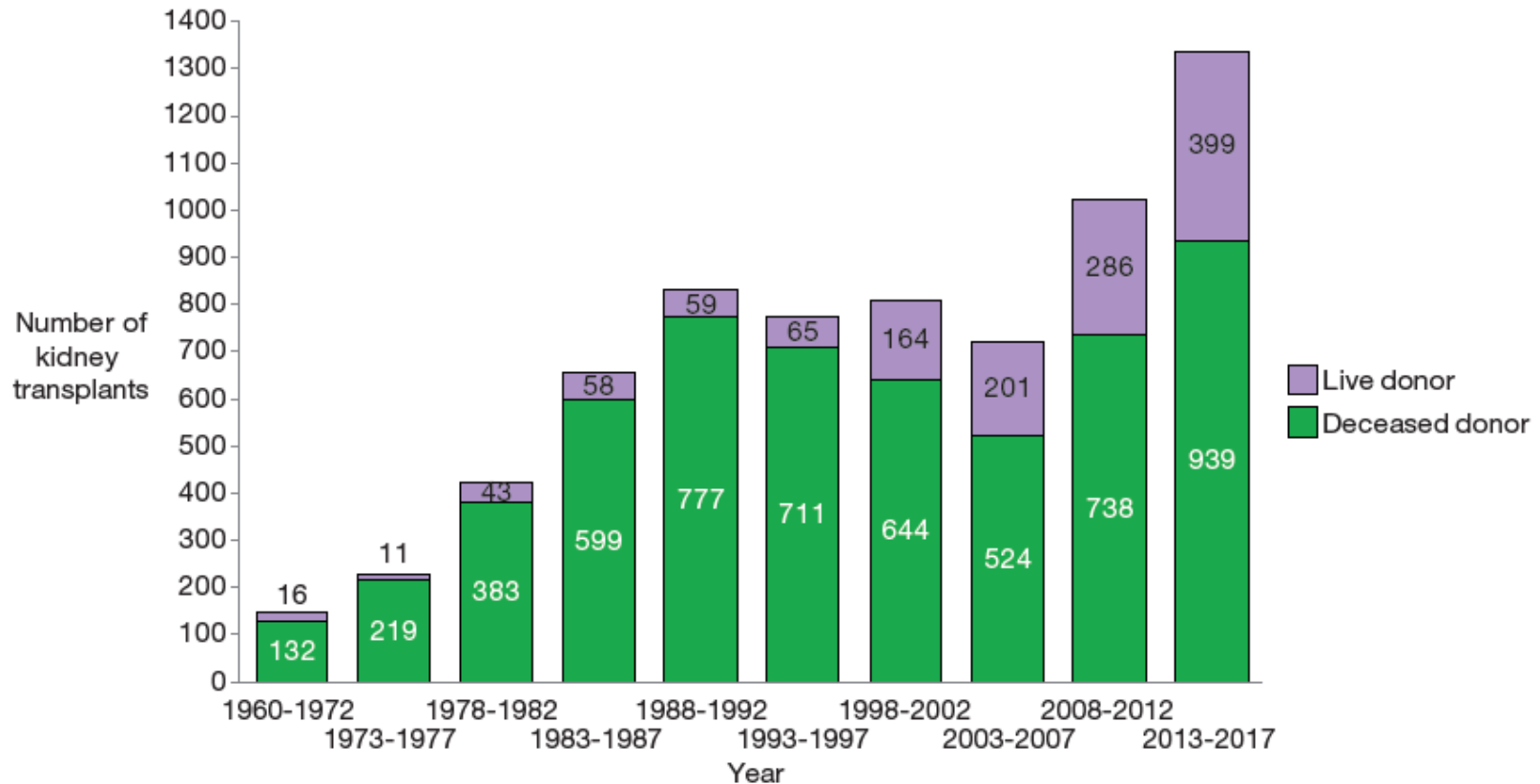


Prevalence of end-stage kidney disease in Scotland 1960-2017 by treatment type

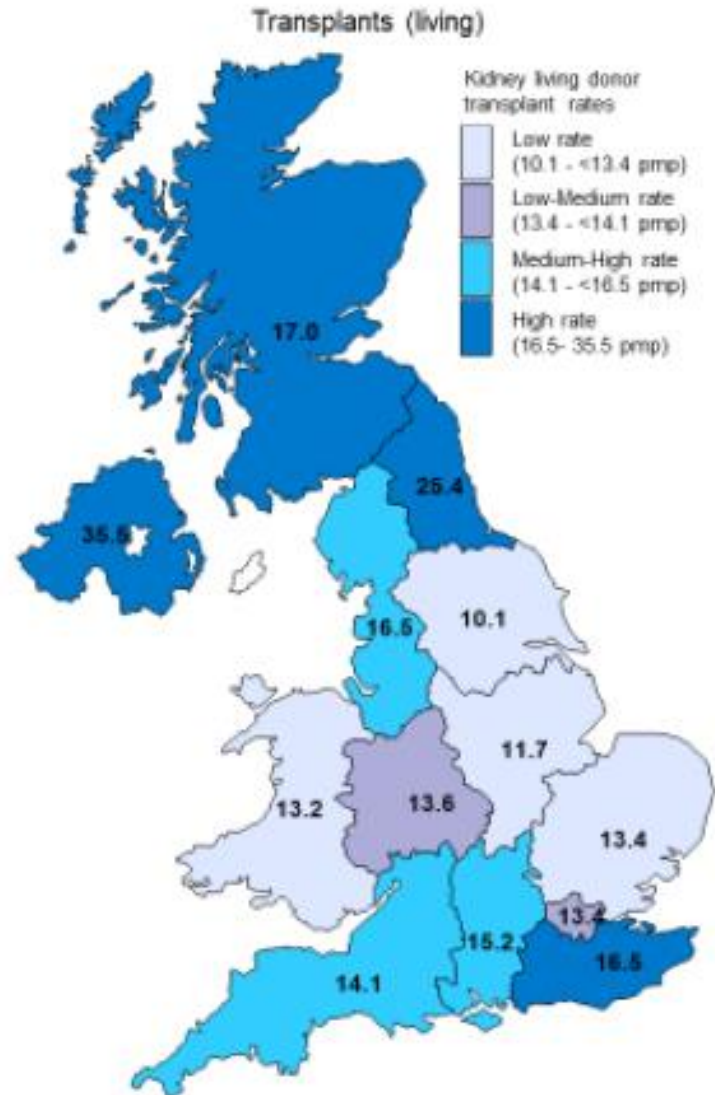
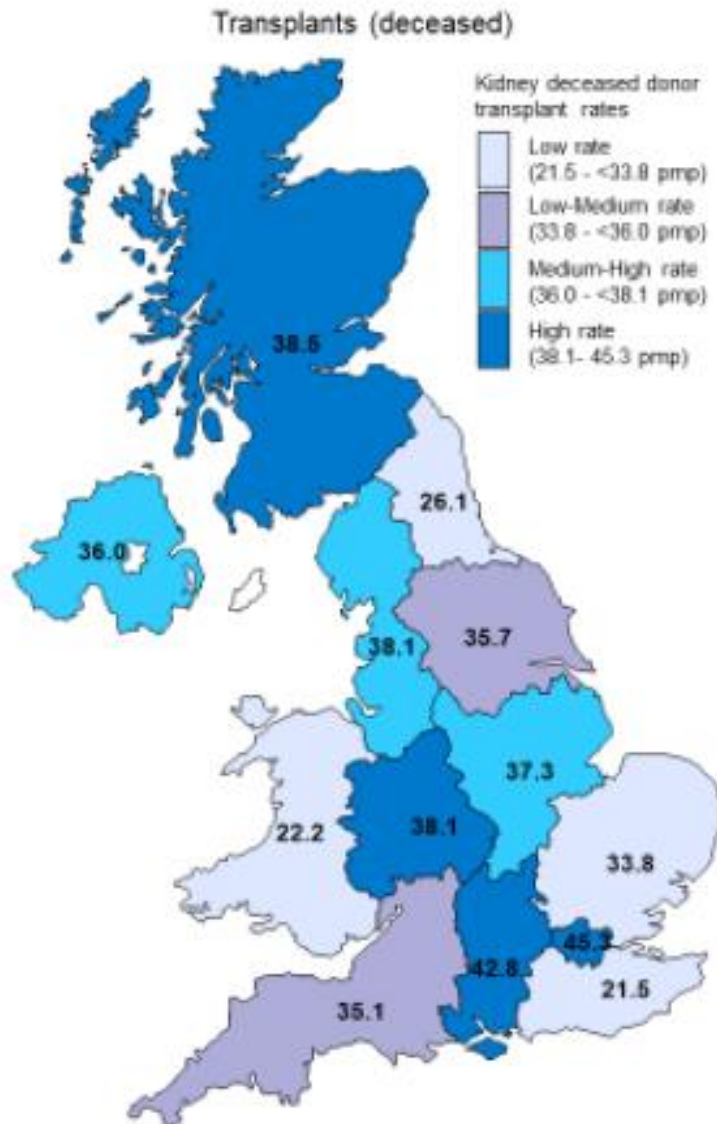


Source: Scottish Renal Registry

Number of deceased and live donor transplants performed in Scotland by time period

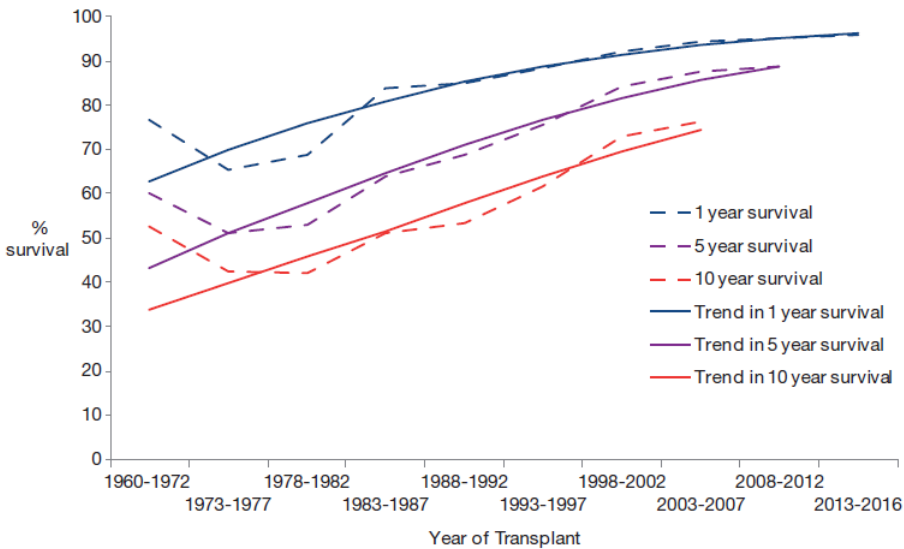


Transplantation rate by region of UK

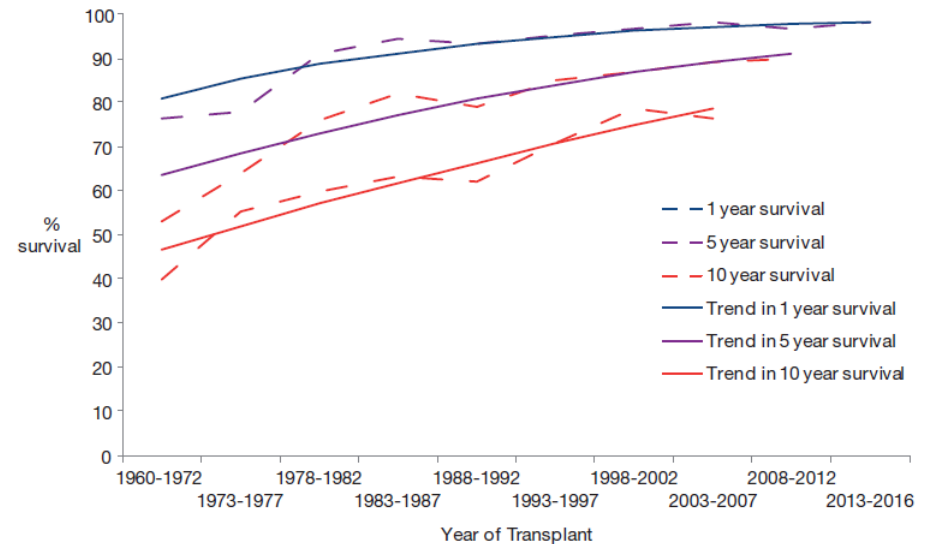


Kidney and patient survival for first kidney transplant in Scotland by time period

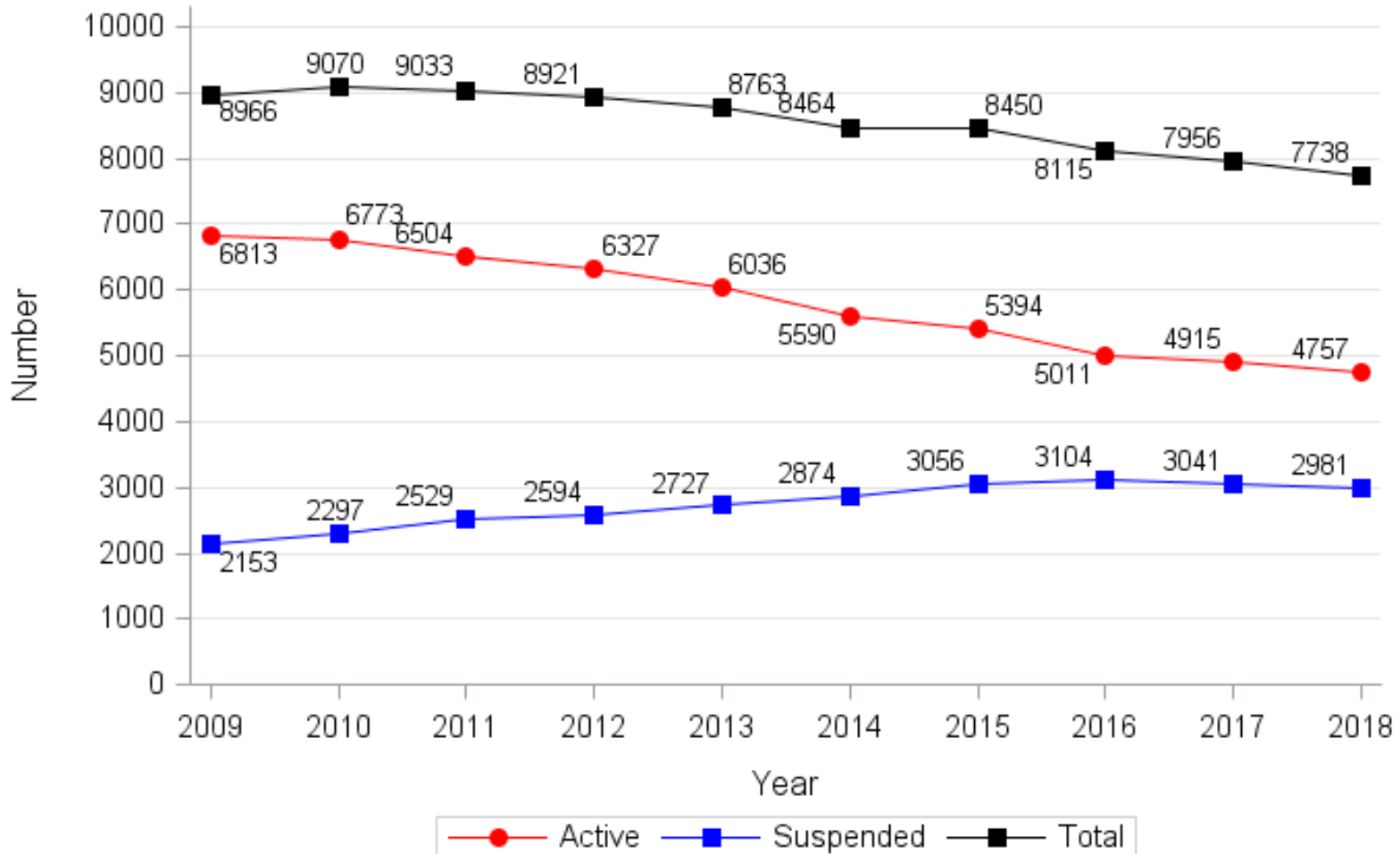
Kidney survival



Patient survival

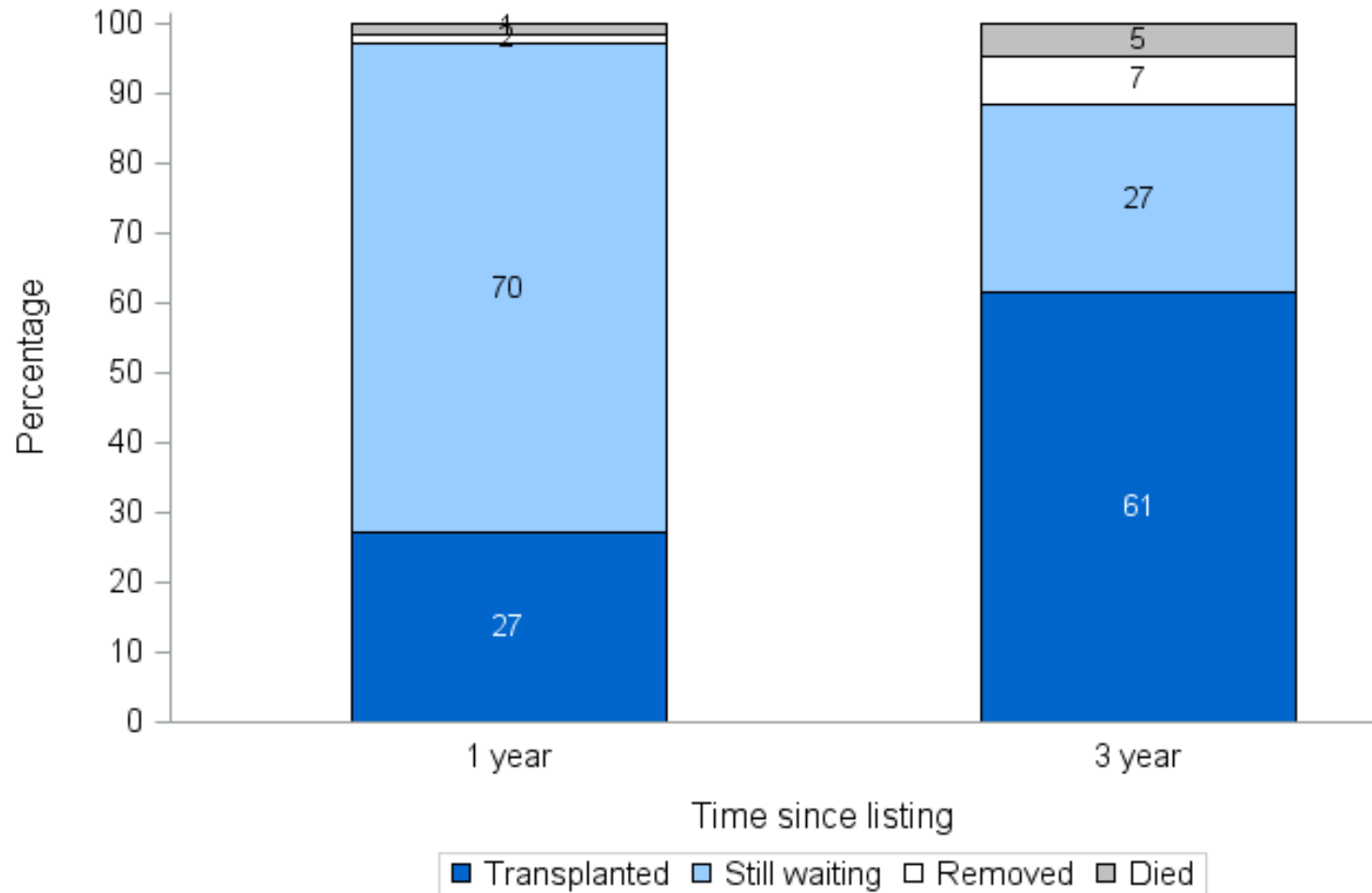


Number of patients awaiting a kidney transplant in UK

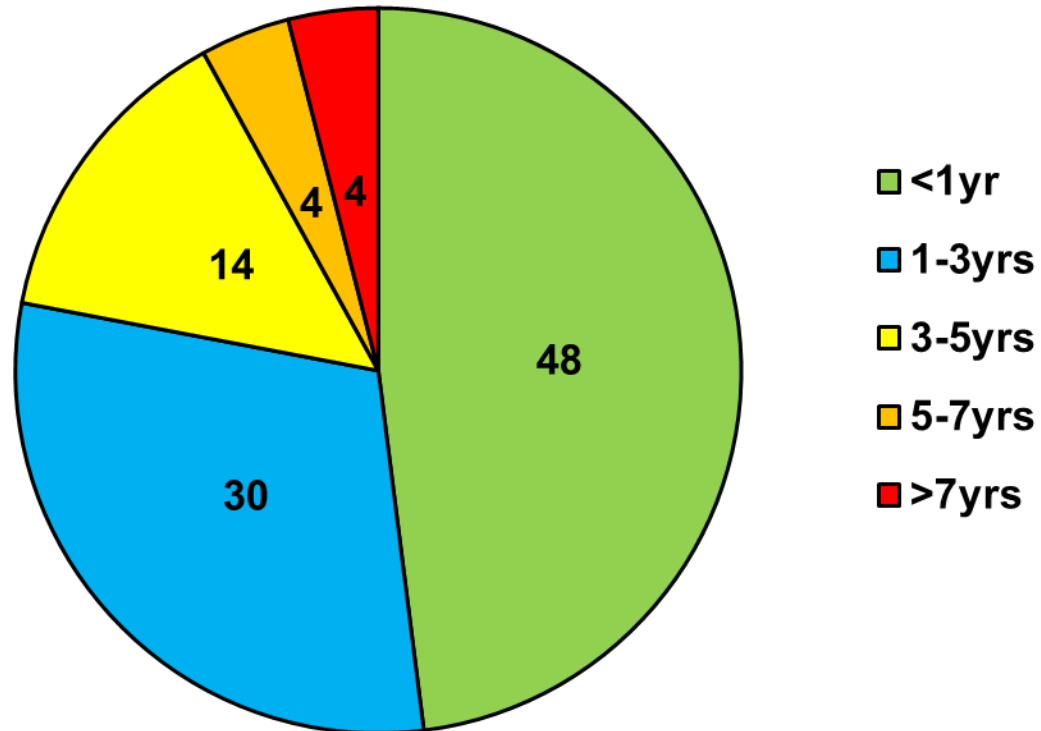


Source; UK Transplant

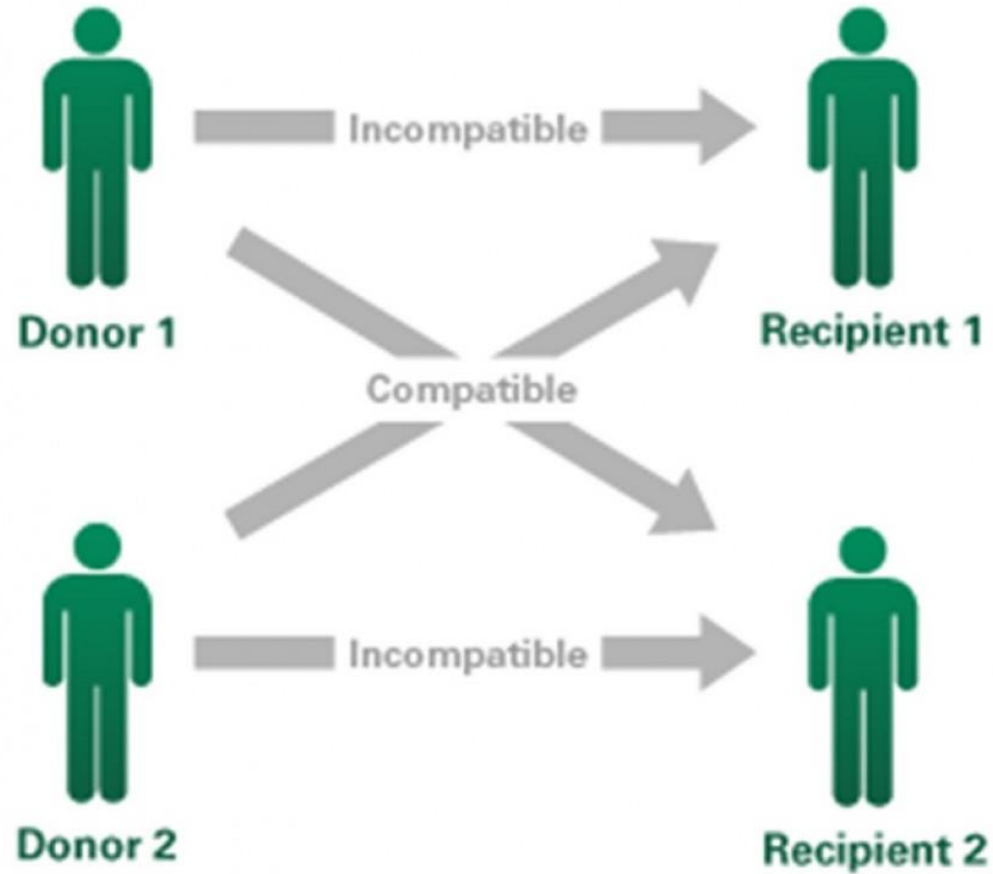
Outcome after being listed for transplantation



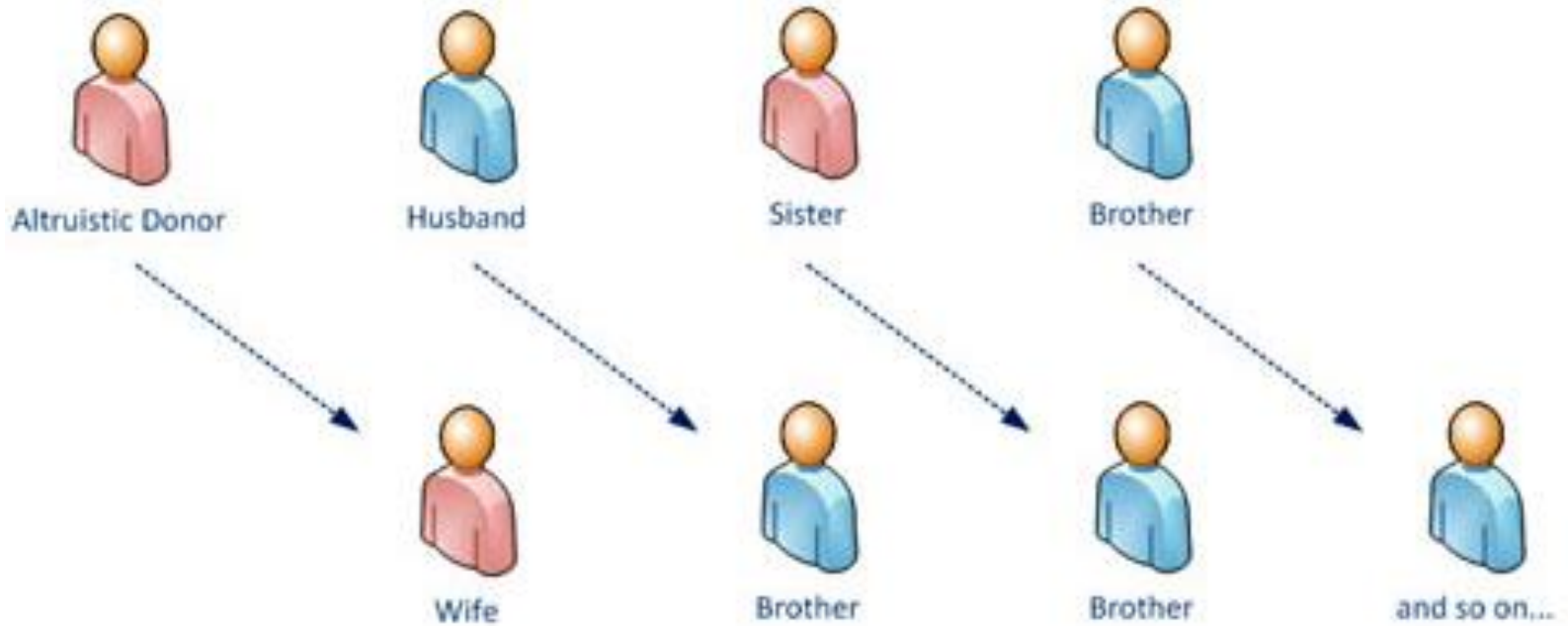
Time spent on list awaiting transplant in Edinburgh



Paired exchange program



Domino transplant chain



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- Dr James Dear
- Dr Seb Rider

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- Dr Eoin O'Sullivan
- Dr Neil Henderson
- Dr Prakash Ramachandran

Centre for Population Health Studies

- Prof Mark Strachan
- Dr Jackie Price

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- Jillian Rennie
- Dr Boris Betz
- Nicole Sime
- Peng Ding
- Dr Sara Jenks
- Spike Clay
- Gary Borthwick

Age group	Diagnosis group	Median survival (years)
≥75 years	Unknown	1.5
	Diabetes	1.5
	Multisystem	1.3
	Interstitial	1.9
	Glomerulo-nephritis	1.4
65-74 years	Unknown	2.6
	Diabetes	1.9
	Multisystem	1.6
	Interstitial	3.4
	Glomerulo-nephritis	3.4
45-64 years	Unknown	5.0
	Diabetes	3.0
	Multisystem	3.2
	Interstitial	8.6
	Glomerulo-nephritis	8.1
20-44 years	Unknown	18.2
	Diabetes	7.9
	Multisystem	15.9
	Interstitial	24.2
	Glomerulo-nephritis *	.

Source: Scottish Renal Registry

Age group	Diagnosis group	Median survival (years)
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	Diabetes	7.9
	Multisystem	15.9
	Interstitial	24.2
	Glomerulo-nephritis *	.

Life expectancy is low in patients on dialysis

Age	Life expectancy males	Life expectancy females
85	5.4	6.3
75	10.0	11.7
65	16.4	19.0
55	24.2	27.4
45	32.8	36.5

Source: ISD Scotland