

Supplementary table 1: Donor characteristics

Data are presented as number of patients (percentage) or as median (25-75 percentile), unless indicated otherwise

Abbreviations: TX: transplantation, SCD: standard criteria donors, ECD: expanded criteria donors, CVA: cerebrovascular accident, DBD: donation after brain death, DCD: donation after circulatory death, KDRI: kidney donor risk index, CIT: cold ischemia time. P-value*: comparing SCD and ECD transplantation. ^a: KDRI calculated using the formula by Rao et al. based on the 10 donor-derived factors (Rao PS, Schaubel DE, Guidinger MK, et al. A comprehensive risk quantification score for deceased donor kidneys: the kidney donor risk index. *Transplantation*. 2009;88(2):231-236.)

	TOTAL TX N=3382	SCD N=2666	ECD N=716	p- value*
Age(years)	47 (36-56)	43 (31-51)	62 (60-66)	<0.0001
Male sex	1910 (56)	1576 (59)	334 (47)	<0.0001
Hypertension history:				
Yes	711 (21)	325 (12)	386 (54)	
No	2066 (61)	1819 (68)	247 (35)	<0.0001
Unknown	605 (18)	522 (20)	83 (11)	
CVA as cause of death	1129 (33)	686 (26)	443 (62)	<0.0001
Serum creatinine:				
mg/dl	0.79 (0.60-1.00)	0.79 (0.60-1.00)	0.78 (0.60-0.97)	0.09
>1.5 mg/dl	124 (3.7)	97 (3.6)	27 (3.8)	0.82
Diabetes:				
Yes	29 (1)	16 (1)	13 (2)	
No	2433 (64)	1891 (71)	542 (76)	0.002
Unknown	1346 (35)	759 (28)	161 (22)	
Deceased donor type:				
DBD		2270 (85)	637 (89)	
DCD		396 (15)	79 (11)	0.009
KDRI^a		1.08 (0.92-1.27)	1.67 (1.56-1.92)	<0.0001
CIT (hours), mean (SD)		14.6 (4.8)	13.9 (4.9)	0.001
HLA mismatches 0-6, mean (SD)		2.3 (1.1)	2.8 (1.3)	<0.0001

Supplementary table 2: Median waiting time for recipients of a SCD or ECD transplants, according to age category, and corresponding mortality during median waiting time.

Age category	Donor type	Median waiting time (months)	Mortality during median waiting time, % (95 % CI)
≥20 - 44	SCD	20,2	99.1 (98.8-99.4)
	ECD	16,5	99.3 (99.1-99.6)
≥45 - 64	SCD	15,0	98.1 (97.5-98.6)
	ECD	15,9	97.9 (97.4-98.5)
≥65	SCD	7.1	98.6 (98.0 -99.2)
	ECD	10,9	97.8 (97.0-98.6)

Mortality was calculated by Cox regression analysis adjusted for age, sex, diabetes as primary renal disease (for more details: see methods section).