

Supplemental table 1. Comparing demographics between study cohort and subjects without echocardiographic evaluation.

variable	population without echocardiography n=2406	population with echocardiography n=553	p-value
Deaths per 100 PYR	3.86	2.61	n.a.
Functional graft loss per 100 PYR	3.82	3.24	n.a.
donor age (years)	40 (22)	46 (15)	<0.001
donor last creatinine (mg/dl)	1.0 (0.7)	1.0 (0.4)	0.57
recipient sex (female)	887 (36.9%)	230 (41.6%)	0.04
renal diagnosis			0.05
glomerular nephritis	565 (23.5%)	126 (22.8%)	
vascular	205 (8.5%)	47 (8.5%)	
diabetes	235 (9.8%)	76 (13.7%)	
else	1401 (58.2%)	304 (55.0%)	
immunosuppression			0.53
standard	1005 (41.8%)	222 (40.1%)	
steroidfree	118 (4.9%)	23 (4.2%)	
else	1283 (53.3%)	308 (55.7%)	
cerebro vascular disease	116 (4.8%)	27 (4.9%)	0.43
peripher vascular disease	184 (7.6%)	72 (13.0%)	<0.001
coronary heart disease	246 (10.2%)	81 (14.6%)	<0.001
diabetes	222 (9.2%)	99 (17.9%)	<0.001
cause of death			0.21
cardio vascular	180 (7.5%)	50 (9.0%)	
infection	139 (5.8%)	22 (4.0%)	
malign	43 (1.8%)	9 (1.6%)	
else	127 (5.3%)	25 (4.5%)	
donor type			0.005
deceased	2079 (86.4%)	500 (90.4%)	
living	327 (13.6%)	53 (9.6%)	
ASR	523 (21.7%)	189 (34.2%)	<0.001
MMA	1 (0, 1)	1 (0, 1)	0.02
MMB	1 (0, 1)	1 (0, 1)	0.002
MMDR	1 (0, 1)	1 (0, 1)	0.39
sum of HLA mismatch	2 (0, 3)	3 (2, 3)	<0.001
panel reactive antibody (%)	0 (0, 2)	0 (0, 2)	0.18

variable	population without	population with	p-value
	echocardiography n=2406	echocardiography n=553	
maximal panel reactive antibody (%)	0 (0, 10)	4 (0, 12)	0.01
age at transplantation (years)	49 (16)	52 (13)	<0.001
year of transplantation	2001 (1996, 2005)	2000 (1996, 2003)	<0.001
ALAT (units/l)	12 (7, 19)	10 (7, 16)	0.004
ASAT (units/l)	14 (7, 22)	10 (6, 17)	<0.001
albumin (g/l)	39 (33, 44)	39 (32, 44)	0.79
BUN (mg/dl)	45 (18)	46 (18)	0.22
C-reactive protein (mg/dl)	0.7 (0, 1.6)	0.7 (0, 1.8)	0.38
cholesterol (mg/dl)	159 (46)	162 (51)	0.31
creatinine (mg/dl)	6.7 (3.0)	7.0 (2.8)	0.07
iron (µg/dl)	61 (36)	58 (34)	0.26
ferritin (ng/ml)	251 (131, 443)	209 (98, 353)	0.04
hemoglobin (g/dl)	11.4 (1.7)	11.3 (1.7)	0.39
hematocrit (%)	34 (5)	34 (5)	0.42
HbA1c (%)	6.0 (5.5, 6.4)	6.2 (5.6, 6.6)	0.03
potassium (mmol/l)	4.7 (0.7)	4.8 (0.7)	0.65
sodium (mmol/l)	139 (137, 141)	139 (137, 141)	0.68
proteinuria (mg/mmol crea)	1 (0, 1)	1 (0, 2)	0.09
serum transferrin (mg/dl)	178 (43)	176 (46)	0.55
total plasma protein (g/dl)	61 (22)	60 (23)	0.44
transferrin saturation (%)	24 (17, 34)	25 (17, 32)	0.95

Values represent count (percentage), mean (standard deviation) or median (25th, 75th percentile). PYR, person year; standard immunosuppression regimen: steroid + mycophenolat + calcineurin inhibitors; ASR, acute systemic rejection; BUN, blood urea nitrogen