

Table 1. Demographic data of kidney donors and recipients. Continuous data are provided as median and interquartile range, categorical data are shown as counts. P-values refer to the comparison to PBx (protocol biopsies).

Variable	PBx	DGF	p-value	AREJ	p-value	ABMR	p-value
Number of biopsies	10	14	na	30	na	11	na
Number of donors	10	13	na	29	na	11	na
Donor age (years)	59.5 (54.0; 67.0)	51.0 (46.0; 64.0)	0.42	54.0 (48.0; 60.0)	0.18	53.0 (44.0; 64.0)	0.40
Donor sex (f/m)	6/4	5/8	0.41	12/17	0.47	4/7	0.37
Donor source (living/deceased)	6/4	0/13	<0.01*	3/26	<0.01*	0/11	0.01*
Donor last creatinine (mg/dl)	0.82 (0.69; 0.92)	0.95 (0.7; 1.4)	0.17	1.00 (0.82; 1.17)	0.04	1.04 (0.7; 1.4)	0.14
Number of recipients	10	13	na	29	na	11	na
Recipient sex (f/m)	3/7	2/11	0.62	7/22	0.70	5/6	0.66
Recipient age (years)	50.8 (41.3; 59.1)	53.5 (47.2; 65.1)	0.34	49.1 (36.7; 61.3)	0.86	59.9 (47.0; 65.3)	0.38
Transplant number (1/2/3/4/5)	10/0/0/0/0	10/1/1/0/1	1.00*	26/3/0/0/0	0.56*	7/2/2/0/0	0.09*

Variable	PBx	DGF	p-value	AREJ	p-value	ABMR	p-value
Cold ischemic time (hours)	1.0 (0.0; 8)	11.5 (10; 17.5)	<0.01	13 (7; 16)	<0.01	20 (15; 22)	<0.01
PRA latest (%)	0.0 (0.0; 0.0)	0.0 (0.0; 5.0)	0.02	3.0 (0.0; 4.0)	<0.01	40.0 (3.0; 60.0)	<0.01
Sum of HLA mismatches (0/1/2/3/4/5)	0/1/2/4/2/1	3/3/1/4/1/1	0.57	2/2/6/7/10/2	0.87	0/0/1/5/5/0	0.51
Immunosuppression (CNI/else)	9/1	12/1	1.00*	23/5	0.31*	11/0	1.00*
Induction therapy (none/IL2/ATG)	6/3/1	11/1/1	0.26*	23/4/1	0.50*	6/3/2	1.00*
Time of biopsy (days post-TX)	104.5 (102; 109.5)	7 (2; 8)		16.5 (7; 44.5)		14 (12; 55.5)	

na ... not applicable, * Fisher's exact test

PBx ... protocol biopsy; DGF ... delayed graft function; AREJ ... acute cellular rejection; ABMR ... antibody mediated rejection