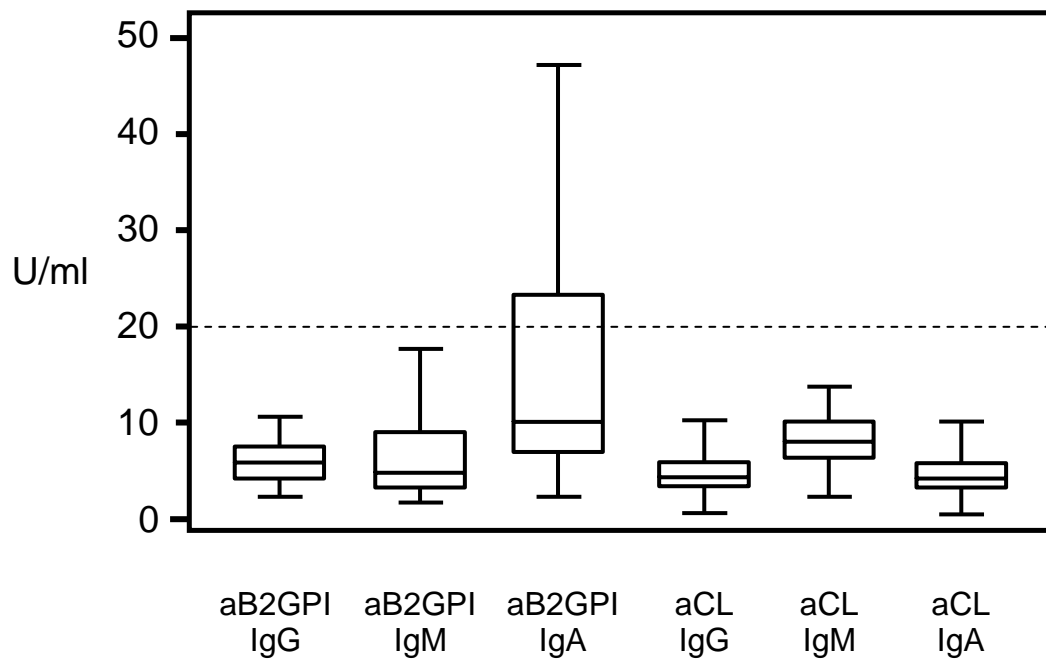


**Association of early kidney allograft failure with preformed IgA antibodies to B2 glycoprotein I.**

**SUPPLEMENTARY MATERIAL**

**Supplementary Figure 1.**



**Supplementary Figure 1.**

Pretransplant levels of anti-phospholipid antibodies. Cutoff is indicated by a dotted line.

aB2GPI: Antibodies anti  $\beta_2$  Glycoprotein I. aCL: Antibodies anti-cardiolipin.

**Supplementary Table 1.**

Characteristics of patients included in follow-up versus those excluded. Non-significant differences were observed. CKD: Chronic Kidney Disease. SE: Standard Error of the mean.

CONDITION	Follow-Up (N=269)		Excluded (N=60)		p value
	N / mean	% / SE	N / mean	% / SE.	
Age (years)	50.5	±0.9	54.7	±2.2	0.057
Donor age (years)	46.8	±1.3	50.4	±2.7	0.286
Weight (kg)	66.9	±0.9	65.4	±2.4	0.488
Height (cm)	164.6	±0.6	164.3	±1.44	0.846
Sex (women)	124	(46.1%)	25	(41.7%)	0.631
Peritoneal dialysis	38	(14.1%)	5	(8.3%)	0.321
<b>Causes CKD</b>					
Chronic glomerulonephritis	69	(25.7%)	16	(26.7%)	1.000
Interstitial kidney disease	53	(19.7%)	13	(21.7%)	0.869
Nephroangiosclerosis	26	(9.7%)	2	(3.3%)	0.182
Polycystic kidney disease	44	(16.4%)	11	(18.3%)	0.857
Diabetes	24	(8.9%)	6	(10.0%)	0.989
Unexplained	25	(9.3%)	6	(10.0%)	0.940
Other	28	(10.4%)	6	(10.0%)	0.888
Graft loss in follow-up	80	(29.7%)	17	(28.3%)	0.953
Death in follow-up	47	(17.5%)	13	(21.7%)	0.565

## Supplementary Table 2

Early graft loss associated factors. SE: Standard Error of the mean.

CONDITION	Early graft loss First six months, (N=13)		Patients with stable graft at 6 months (N=256)		p value
	N / mean	% / SE	N / mean	% / SE	
Sex (women)	5	(38.5%)	119	(46.5%)	0.779
Recipient Age	60.4	±2.7	50.1	±0.9	0.008
Anti B2GPI IgA +	10	(76.9%)	79	(30.8%)	0.002
Dislipidemia	5	(38.5%)	80	(31.3%)	0.810
Previous anti HLA antibodies	3	(23.1%)	61	(23.8%)	0.786
Diabetes Mellitus	2	(15.4%)	28	(10.9%)	0.964
Arterial hypertension	11	(84.6%)	197	(77.0%)	0.761
Delayed graft function	7	(53.8%)	44	(17.2%)	0.003
Previous transplant	1	(7.7%)	36	(14.1%)	1.000
Donor cardiovascular history	2	(15.4%)	30	(11.7%)	0.967
Heart failure history	1	(7.7%)	14	(5.5%)	0.534
Ischemic heart disease - history	0	(0%)	9	(3.5%)	1.000
Cold Ischemia	23.0	±0.3	20.0	±0.9	0,039
Warm Ischemia in recipient (minutes)	31.0	±1.66	31.1	±0.42	0.968
Double transplant	3	(23,1%)	19	(7,4%)	0,136

**Supplementary Table 3.**

Characteristics of patients on late post-transplant period (after 6 months), Non-significant differences between both groups were observed. CV: Cardiovascular,

Late post-transplant period (after 6 months)	Group 1		Group 2		p value
	IgA anti B2GPI positive N=79		IgA anti B2GPI negative N=177		
CONDITION	N	%	N	%	
Acute rejection episodes	5	(6.3%)	8	(4.5%)	0.763
Graft loss	24	(30.4%)	43	(24.3%)	0.385
Nephrectomy	2	(2.5%)	6	(3.4%)	0.981
Patients con CV Events	13	(16.5%)	26	(14.7%)	0.861
Death	14	(17.7%)	28	(15.8%)	0.353
<b>Causes of graft loss</b>					
Acute rejection	1	(4.2%)	0	(0%)	0.767
Uropathy	0	(0%)	1	(2.3%)	0.767
Vascular	0	(0%)	1	(2.3%)	0.767
Patient death	13	(54.2%)	26	(60.5%)	0.808
Chronic allograft nephropathy	8	(33.3%)	12	(27.9%)	0.852
Graft Thrombosis	1	(4.2%)	1	(2.3%)	0.746
Recurrence of disease.	1	(4.2%)	2	(4.7%)	0.600