

Supplementary Table 1. Information on infection-related deaths

Variable	Quartile 1	Quartile 2	Quartile 3	Quartile 4	P-value
Type of infection of infection-related death					
Pneumonia	0	0	2 (0.9)	4 (1.7)	0.025
Urinary tract infection	0	0	0	3 (1.3)	0.062
Gastrointestinal	1 (0.4)	3 (1.3)	0	4 (1.7)	0.110
Other ^{a)}	1 (0.4)	1 (0.4)	1 (0.4)	1 (0.4)	1.000
Causal organism of infection-related death					
Bacterial	1 (0.4)	3 (1.3)	1 (0.4)	12 (5.2)	<0.001
Viral	1 (0.4)	0	1 (0.4)	0	1.000
Fungal	0	1 (0.4)	1 (0.4)	0	0.749

Values are presented as number (%).

^{a)}The category of "other" includes brain abscess, nasal aspergillosis, cryptococcal meningitis, and cellulitis.

Supplementary Table 2. The Cox proportional hazards regression model for death-censored graft failure according to the C-reactive protein-to-albumin ratio quartile groups

Quartile	Model 1		Model 2		Model 3		Model 4	
	HR (95% CI)	P-value	aHR (95% CI)	P-value	aHR (95% CI)	P-value	aHR (95% CI)	P-value
1	Reference	-	Reference	-	Reference	-	Reference	-
2	0.86 (0.45–1.64)	0.647	0.82 (0.43–1.56)	0.539	0.83 (0.43–1.59)	0.574	0.85 (0.44–1.63)	0.613
3	1.35 (0.77–2.40)	0.297	1.30 (0.73–2.32)	0.368	1.34 (0.75–2.40)	0.326	1.28 (0.71–2.30)	0.409
4	1.24 (0.69–2.23)	0.467	1.20 (0.66–2.18)	0.547	1.26 (0.69–2.29)	0.453	1.25 (0.68–2.30)	0.474

Model 1, unadjusted; Model 2: adjusted for age, sex, and body mass index; Model 3, adjusted for age, sex, body mass index, dialysis vintage, comorbid diabetes, and donor type; Model 4, adjusted for age, sex, body mass index, dialysis vintage, comorbid diabetes, donor type, neutrophil count, hemoglobin level, and platelet count.

HR, hazard ratio; CI, confidence interval; aHR, adjusted hazard ratio.

Supplementary Table 3. The Cox proportional hazards regression model for biopsy-proven acute rejection according to the C-reactive protein-to-albumin ratio quartile groups

Quartile	Model 1		Model 2		Model 3		Model 4	
	HR (95% CI)	P-value	aHR (95% CI)	P-value	aHR (95% CI)	P-value	aHR (95% CI)	P-value
1	Reference	-	Reference	-	Reference	-	Reference	-
2	0.82 (0.44–1.52)	0.528	0.76 (0.41–1.42)	0.389	0.75 (0.40–1.41)	0.372	0.77 (0.41–1.45)	0.421
3	1.12 (0.63–1.99)	0.702	1.00 (0.56–1.80)	0.990	0.99 (0.55–1.77)	0.968	0.98 (0.55–1.77)	0.952
4	1.08 (0.61–1.92)	0.789	0.96 (0.54–1.73)	0.901	0.96 (0.53–1.72)	0.885	0.96 (0.53–1.74)	0.890

Model 1, unadjusted; Model 2, adjusted for age, sex, and body mass index; Model 3: adjusted for age, sex, body mass index, dialysis vintage, comorbid diabetes, and donor type; Model 4: adjusted for age, sex, body mass index, dialysis vintage, comorbid diabetes, donor type, neutrophil count, hemoglobin level, and platelet count.

HR, hazard ratio; CI, confidence interval; aHR, adjusted hazard ratio.