

Supplementary Table 6. Univariable and multivariable Fine-Gray's competing risk model analysis for CKD development in the normal GFR groups at LT time among HBV-infected patients

Variables	Normal GFR group at LT time										
	Univariate		Multivariable 1			Multivariable 2			Multivariable 3		
	sHR	P-value	Adjusted sHR (95% CI)	P-value	Adjusted sHR (95% CI)	P-value	Adjusted sHR (95% CI)	P-value	Adjusted sHR (95% CI)	P-value	
Age (≥50)	1.52	0.041	1.43 (0.95–2.17)	0.090	1.23 (0.79–1.91)	0.355	1.28 (0.84–1.95)	0.250			
Sex (female)	1.15	0.533									
DDLTL (vs. LDLTL)	1.57	0.077	1.31 (0.77–2.24)	0.320	1.31 (0.72–2.38)	0.377	1.25 (0.70–2.21)	0.449			
DM	1.78	0.012	1.71 (1.08–2.71)	0.022	1.96 (1.25–3.07)	0.004	1.76 (1.11–2.78)	0.016			
HTN	1.27	0.545									
HCC before LT	0.93	0.691									
CTP score (≥10)	1.09	0.660									
MELD (>20)	1.04	0.867									
WBC (≥4,000/μL)	1.10	0.628									
Platelet (≥75×10 ³ /μL)	0.57	0.011	0.63 (0.40–1.00)	0.050	0.68 (0.42–1.10)	0.116	0.73 (0.45–1.17)	0.187			
Albumin (≥3.0 g/dL)	0.60	0.006	0.66 (0.44–1.00)	0.048	0.68 (0.44–1.05)	0.082	0.62 (0.40–0.94)	0.026			
AST (≥160 U/L)	1.14	0.708									
ALT (≥160 U/L)	0.45	0.122									
Total bilirubin (≥8 mg/dL)	1.00	0.991									
INR (>2.3)	0.90	0.714									
TDF (vs. no or other NAs)	1.47	0.087	1.60 (0.99–2.58)	0.054	1.52 (0.94–2.45)	0.089	1.61 (1.00–2.58)	0.050			
Total CV of TAC level (≥48.0)	1.63	0.012	1.62 (1.10–2.39)	0.015	Not included		Not included				
First 3-year CV of TAC level (≥36.0)	1.61	0.017	Not included		1.59 (1.08–2.34)	0.020	Not included				
First 5-year CV of TAC level (≥37.7)	1.77	0.004	Not included		Not included		1.72 (1.17–2.53)	0.006			

CKD, chronic kidney disease; GFR, glomerular filtration rate; LT, liver transplantation; sHR, sub-distribution hazard ratio; CI, confidence interval; DDLTL, deceased donor liver transplantation; LDLTL, living donor liver transplantation; DM, diabetes mellitus; HTN, hypertension; HCC, hepatocellular carcinoma; CTP, Child-Turcotte-Pugh; MELD, model for end-stage disease; WBC, white blood cells; AST, aspartate transaminase; ALT, alanine transaminase; INR, international normalized ratio; TDF, tenofovir disoproxil fumarate; NAs, nucleos(t)ide analogues; CV, coefficient of variant; TAC, tacrolimus.