

Supplementary Table 7. Different baseline and prognostic characteristics between NMP and IFLT

Characteristic	Before PSM		P-value
	IFLT (n=50)	NMP (n=24)	
Donor			
Gender (%) [*]			0.068
Male	46.0 (92.0)	18.0 (75.0)	
Female	4.0 (8.0)	6.0 (25.0)	
Age (y) [†]	41.6 (13.0)	44.6 (11.8)	0.346
BMI (kg/m ²) [†]	23.1 (2.1)	24.1 (3.2)	0.153
Diabetes (%) [*]	1.0 (2.0)	1.0 (4.2)	0.546
Hypertension (%) [*]	3.0 (6.0)	1.0 (4.2)	>0.999
HBV (%) [*]	5.0 (10.0)	1.0 (4.2)	0.657
Sodium (mmol/L) [†]	145.8 (9.0)	148.3 (9.5)	0.312
Potassium (mmol/L) [†]	4.3 (1.2)	4.2 (0.6)	0.591
Hemoglobin (g/L) [‡]	81.5 (69.3, 100.5)	87.0 (48.6, 101.0)	0.931
Tbil (mg/dL) [‡]	1.5 (0.8, 3.4)	2.0 (1.2, 3.5)	0.135
AST (U/L) [‡]	126.0 (96.0, 181.0)	111.5 (91.5, 167.0)	0.583
ALT (U/L) [‡]	84.0 (40.3, 157.8)	76.0 (46.0, 135.0)	0.742
Creatine (umol/L) [‡]	68.5 (51.3, 108.5)	113.3 (92.5, 147.8)	<0.001
Steatosis (%) [*]	23.0 (47.9)	8.0 (34.8)	0.296
Recipient			
Gender (%) [*]			0.424
Male	46.0 (92.0)	20.0 (83.3)	
Female	4.0 (8.0)	4.0 (16.7)	
Age (y) [†]	52.8 (10.7)	47.8 (8.6)	0.035
BMI (kg/m ²) [†]	23.2 (3.0)	24.0 (3.4)	0.335
MELD score [‡]	14.5 (10.0, 19.5)	14.5 (8.8, 36.3)	0.707
Cirrhosis (%) [*]	18.0 (36.0)	13.0 (54.2)	0.138
Liver failure (%) [*]	3.0 (6.0)	8.0 (33.3)	0.004
Liver tumor (%) [*]	14.0 (28.0)	8.0 (33.3)	0.638
Operation time (min) [†]	408.7 (73.6)	436.4 (71.8)	0.204
Blood loss (L) [‡]	1.8 (1.0, 2.5)	1.0 (0.6, 2.4)	0.252
Outcomes			
Respiratory support time (h) [‡]	16.0 (12.3, 34.8)	19.5 (13.5, 50.3)	0.386
ICU stay time (h) [‡]	35.3 (18.3, 58.5)	57.5 (24.4, 133.5)	0.060
Reintubation (%) [*]	2.0 (6.7)	2.0 (33.3)	0.121
Resume diet (h) [‡]	86.0 (64.0, 121.5)	232.0 (213.0, 251.0)	0.027
HA thrombosis (%) [*]	1.0 (2.6)	1.0 (4.2)	>0.999
PV thrombosis (%) [*]	1.0 (2.6)	0.0 (0.0)	>0.999
PC thrombosis (%) [*]	0.0 (0.0)	2.0 (8.3)	0.141
Biliary fistula (%) [*]	0.0 (0.0)	2.0 (8.3)	0.141
Biliary stricture (%) [*]	2.0 (5.1)	1.0 (4.2)	>0.999

Supplementary Table 7. Continued

Characteristic	Before PSM		
	IFLT (n=50)	NMP (n=24)	P-value
PNF (%) [*]	1.0 (2.0)	2.0 (8.3)	0.244
EAD (%) [*]	15.0 (30.0)	16.0 (69.6)	0.001
AKI (%) [*]	2.0 (5.1)	0.0 (0.0)	0.521
Pulmonary infection (%) [‡]	3.0 (6.0)	3.0 (12.5)	0.382
Wound infection (%) [*]	0.0 (0.0)	1.0 (4.2)	0.324
Overall mortality [*]	6.0 (12.0)	3.0 (12.5)	>0.999
90-day mortality (%) [*]	3.0 (6.0)	3.0 (12.5)	0.382

^{*}Categorical variables were exhibited as frequencies (percentages). [†]Continuous variables with normal distribution were presented as mean (standard deviation), while [‡]continuous variables with non-normal distribution were exhibited as median (interquartile range). PSM, propensity score matching; IFLT, ischemia-free liver transplantation; NMP, normothermic machine perfusion; BMI, body mass index; HBV, hepatic B virus; Tbil, total bilirubin; AST, aspartate aminotransferase; ALT, alanine aminotransferase; MELD score, model for end-stage liver disease score; ICU, intensive care unit; HA, hepatic artery; PV, portal vein; PC, postcaval vein; PNF, primary nonfunction; EAD, early allograft dysfunction; AKI, acute kidney injury.