

Supplementary Table 1 Patients' characteristics in HCV subgroup

	Non-splenectomy (<i>n</i> = 22)	Splenectomy (<i>n</i> = 23)	<i>P</i> value
Age (yr), mean $\pm$ SD	62 (10)	59 (9)	0.480
Gender, <i>n</i> (%)			0.208
Male	17 (77.3)	13 (56.5)	
Female	5 (22.7)	10 (43.5)	
BMI, mean $\pm$ SD	23.5 (2.2)	25.2 (6.6)	0.059
Underlying liver disease, <i>n</i> (%)			
HBV	7 (31.8)	4 (17.4)	0.314
Alcoholism	4 (18.2)	2 (8.7)	0.414
Signs of portal hypertension, <i>n</i> (%)			
Ascites	13 (59.1)	14 (60.9)	1.000
Hepatic encephalopathy	12 (54.5)	9 (39.1)	0.376
Varices bleeding	4 (18.2)	9 (39.1)	0.189
Co-morbidities, <i>n</i> (%)			
Hypertension	6 (27.3)	6 (26.1)	1.000
Diabetes mellitus	9 (40.9)	7 (30.4)	0.542
Pre-operative serum tests, mean $\pm$ SD			
White blood count (/uL)	4970 (1540)	4560 (3670)	0.143

Platelet count (/uL)	90000 (60000)	56000 (37000)	0.009 ^a
Neutrophil-Lymphocyte ratio	2.33 (3.05)	2.87 (3.35)	0.447
Platelet-Lymphocyte ratio	85.69 (55.58)	65.52 (75.89)	0.540
Total bilirubin (mg/dL)	2.7 (3.2)	1.6 (1.1)	0.241
Creatinine (mg/dL)	0.9 (0.5)	0.8 (0.3)	0.936
Ammonia (ug/dL)	107 (110)	94 (100)	0.242
Albumin (g/dL)	3.0 (1.2)	3.1 (1.2)	0.674
Glucose (mg/dL)	115 (114)	105 (37)	0.503
INR	1.2 (0.4)	1.1 (0.2)	0.555
MELD scores	14 (13)	10 (5)	0.179
AFP (ng/mL)	8.5 (11.5)	17.5 (26.1)	0.014 ^a
Surgical factors			
Surgical type, <i>n</i> (%)			0.622
DDLT	7 (31.8)	5 (21.7)	
LDLT	15 (68.2)	17 (73.9)	
SLT	0	1 (4.3)	
Graft type, <i>n</i> (%)			0.514
Whole graft	7 (31.8)	5 (21.7)	
Partial graft	15 (68.2)	18 (78.3)	
GRWR > 0.8, mean ± SD	20 (90.9)	20 (87)	1.000
Blood loss (mL), mean ± SD	2500 (3100)	1500 (1900)	0.411

Operative time (minutes), mean $\pm$ SD	552 (170)	616 (151)	0.229
Pathology			
Tumor size (cm), mean $\pm$ SD	2.4 (1.6)	2.3 (2.3)	0.909
Tumor number, <i>n</i> (%)			0.749
0-1	16 (72.7)	15 (65.2)	
2-3	6 (27.3)	8 (34.8)	
Tumor necrosis, <i>n</i> (%)	12 (54.5)	11 (47.8)	0.768
Lymphovascular invasion, <i>n</i> (%)	2 (9.1)	4 (17.4)	0.665
Outcomes			
Hospital stays (days), mean $\pm$ SD	21 (11)	18 (11)	0.811
HCC Recurrence, <i>n</i> (%)	0	2 (8.7)	0.489
Secondary cancer, <i>n</i> (%)	1 (5.0)	0	0.465
Mortality, <i>n</i> (%)	2 (9.1)	9 (39.1)	0.035 ^a

^a $P < 0.05$. The median (interquartile range) is presented for continuous variables, and number (percentage) is presented for categorical variables.

BMI: Body Mass Index; HBV: Hepatitis B virus; LT: Liver transplantation; INR: International normalized ratio; MELD: Model for End-stage Liver Disease; AFP: Alpha-fetoprotein; DDLT: Deceased donor liver transplantation; LDLT: Living donor liver transplantation; SLT: Split liver transplantation; GRWR: Graft-to-recipient weight ratio; HCC: Hepatocellular carcinoma.