

Additional file 1. Preoperative baseline characteristics, graft conditions, surgery-related factors, clinical parameters at ICU admission after surgery.

Variables			
Recipient characteristics	body mass index (kg/m ²)	21.0 (19.0–24.4)	
	primary disease		
	HBV positive	2 (6.1%)	
	HCV positive	3 (9.1%)	
	autoimmune disease (PBC/PSC/AIH)	8 (24.2%)	
	alcoholic	5 (15.2%)	
	others	15 (45.5%)	
	albumin (g/dL)	2.8 (2.4–3.2)	
	total bilirubin (mg/dL)	2.3 (1.2–7.4)	
	PT-INR	1.27 (1.10–1.57)	
	Graft characteristics	living donor	27 (81.8%)
		age (years)	43 (32–54)
		male sex	8 (27.6%)
graft volume vs. recipient's SLV (%)			
living donor		44.2 (38.0–51.1)	
brain death donor		114.0 (95.0–140.1)	
GRWR (%)			
living donor		0.89 (0.70–1.06)	
brain death donor	2.29 (1.84–2.70)		
Operative factors	operating time (hour)	10.4 (9.4–11.6)	
	anhepatic phase (min)	148 (137–194)	
	graft ischemic time (min)	140 (127–156)	
	blood loss (mL)	3640 (1835–6743)	
	blood transfusion (ml)	3000 (1600–5880)	
	intraoperative fluid balance (mL)	3810 (2780–4978)	
Clinical parameters at ICU admission	body weight (kg)	58.7 (54.6–70.3)	
	pulmonary arterial systolic pressure (mmHg)	32 (25–39)	
	central venous pressure (cmH ₂ O)	12 (9–15)	
	central venous oxygen saturation (%) *	85 (84–89)	
	pulse pressure variation (%) **	4 (3–6)	
	hemoglobin (mg/dL)	8.8 (8.2–9.7)	

hepatic arterial flow velocity (cm/sec)	42.5 (31.7–66.5)
hepatic venous flow velocity (cm/sec)	36.8 (27.4–46.0)

*N=26, **N=30

Summary statistics are reported as No. (%), medians (lower and upper quartiles).

PBC; primary biliary cirrhosis, PSC; primary sclerosing cholangitis, AIH; autoimmune hepatitis, SLV; standard liver volume, GRWR; graft to recipient weight ratio