

Supplemental Material

Table S1. Clinical and Laboratory Variables of the Fontan cohort, by composite outcome.

	Non-elective hospitalization or death		P value	Adjusted P value*
	Yes (n=56)	No (n=108)		
Age (years)	32.6 (23.9-42.6)	25.2 (22.6-30.6)	0.001	0.13
Female	26 (46%)	43 (40%)	0.50	0.42
Body mass index (kg/m ²)	25.3 ± 4.5	25.1 ± 4.6	0.79	0.13
Creatinine (mg/dL)	0.9 ± 0.2	0.9 ± 0.2	0.91	0.07
AST (U/L)	25.9 ± 8.8	27.2 ± 9.2	0.48	0.63
ALT (U/L)	26.7 ± 13.2	28.3 ± 11.7	0.41	0.76
Alkaline phosphatase (U/L)	92.0 ± 30.62	86.2 ± 30.5	0.27	0.67
Bilirubin, total (mg/dL)	0.9 ± 1.0	1.1 ± 0.9	0.34	0.75
Albumin (mg/dL)	4.5 ± 0.7	4.7 ± 0.3	0.002	0.07
MELD-XI score (n=163)	9.4 (9.4-10.8)	9.4 (9.4-11.2)	0.60	0.17
Total cholesterol (mg/dL)	151 ± 30	148 ± 30	0.62	0.68
LDL cholesterol (mg/dL)	86.1 ± 25.5	80.6 ± 25.4	0.19	0.07
HDL cholesterol (mg/dL)	40.2 ± 10.7	44.2 ± 12.7	0.04	0.02
Triglycerides (mg/dL)	124 (77-133)	116 (71-149)	0.61	0.83
Log Triglycerides	4.7 ± 0.5	4.6 ± 0.5	0.72	0.94
Log hsCRP	0.8 ± 1.1	0.2 ± 1.0	<0.001	<0.001
Hemoglobin (gm/dL)	14.8 ± 1.6	15.7 ± 1.9	0.004	0.42
Platelets (K/mcl)	190 ± 63	176 ± 50	0.13	0.053
Log NT-proBNP	5.4 ± 1.1	4.7 ± 1.2	0.002	0.04
VAST score	1 (0-2)	0 (0-1)	<0.001	0.004
Peak VO ₂ (% predicted) (n=131)	56.1 ± 16.1	61.6 ± 13.3	0.004	0.07
NYHA	1 (1-2)	1 (1-2)	0.04	0.004

ALT: Alanine aminotransferase, AST: Aspartate aminotransferase, hsCRP: high-sensitivity C-reactive protein, HDL: High-density lipoprotein, LDL: Low-density lipoprotein, MELD-XI: Model for End-stage Liver Disease (MELD) score excluding INR, NT-proBNP: N-terminal pro-B-type natriuretic peptide, VO₂: peak oxygen consumption as measured during exercise testing, VAST: features of portal hypertension (1 point each for Varices, Ascites, Splenomegaly, or Thrombocytopenia). Results are presented as mean ± standard deviation, median (IQR), or frequency (%).

*Adjusted P values reflect Cox proportional hazards model, with the variable listed in the table adjusted for age, sex, VAST score, and NYHA functional class 1 vs 2+. Platelet count was not adjusted for VAST score as thrombocytopenia is included in the VAST score.