

Appendix A: Baseline characteristics distribution based on presence of thromboembolic events

		Thromboembolic events		p-value
		No (n=86)	Yes (n=32)	
Age, years		55±11	54±12	0.621
Sex, male		80.2	75.0	0.536
Race, nonwhite		25.6	21.9	0.678
Body mass index, kg/m ²		29.0 ± 4.2	28.5 ± 3.7	0.513
Blood group				
	A	38.4	46.9	0.441
	B	15.1	21.9	
	AB	3.5	3.1	
	O	43.0	28.1	
Etiology of heart failure, ischemic		36.1	50.0	0.169
Hypertension		67.4	75.0	0.428
Diabetes		37.2	37.5	0.977
Chronic kidney disease (eGFR<60 ml/min/1.73 m ²)		50.0	59.4	0.365
History of previous thromboembolic event		11.6	12.5	1.000
History of Heparin induced thrombocytopenia		5.8	0.0	0.321
History of hypercoagulable disease		1.2	0.0	1.000
Type of left mechanical circulatory support device				
	HeartWare	67.4	68.7	0.666
	HeartMate II	31.4	28.1	
	HeartMate III	1.2	3.1	
Status at the time of transplant, 1A		47.7	40.6	0.494
Hospitalized at the time of transplant		15.1	21.9	0.384
Status upgrade				
	None	52.3	59.4	0.262
	Elective 30 days 1A time	18.6	12.5	
	Infection	4.6	0.0	
	Pump thrombus	8.1	3.1	
	GI bleed	6.9	3.1	
	RV failure	9.3	15.6	
	Arrhythmia	0.0	3.1	
	DL failure	0.0	3.1	
Admission medications				
	Aspirin	87.2	81.2	0.412
	Clopidogrel	9.3	12.5	0.733
	Warfarin	96.5	96.9	1.000
	Dipyridamole	1.2	0.0	1.000
	Home inotropic therapy	11.6	6.2	0.509
Admission labs				
	Creatinine	1.28±0.43	1.27±0.28	0.908
	Blood urea nitrogen	22 ± 11	20 ± 8	0.265
	Hemoglobin	11.5 ± 2.2	11.0 ± 2.0	0.156
	Platelets	229 ± 89	250 ± 91	0.242
	International normalized ratio	2.3 ± 0.6	2.5 ± 0.6	0.117
Operative Details				
	Vitamin K	94.2	90.6	0.681
	Fresh frozen plasma (>4 units)	37.2	68.7	0.002

	Cryoprecipitate (>280 ml)	19.8	46.9	0.003
	Platelets (≥ 600 ml)	25.6	43.7	0.057
	Packed red blood cell units (≥ 5)	36.1	65.6	0.004
	Bypass time	167 $\pm$ 43	178 $\pm$ 53	0.236
	Ischemic time	165 $\pm$ 52	178 $\pm$ 52	0.239
Index hospitalization				
	Major bleeding requiring ≥ 4 units PRBC transfusion	9.3	25.0	0.036
	Take back to operating theatre*	6.9	9.4	0.702
	Infection	13.9	31.2	0.032
	Acute renal failure	43.5	50.0	0.531
	In-hospital death	1.2	3.1	0.471

*Reasons for take back included delayed chest closure (n=2), chest exploration for bleeding (n=4) and cardiac tamponade (n=3).