Supplementary Tables

Supplementary Table 1: Baseline Characteristics and Outcomes for DVT-prophylaxis only versus UFH cohorts of ECMO patients

Characteristics	DVT prophylaxis only (*n* = 42)	UFH (*n* = 135)	*P* value	SMD
Age (yr), median [IQR]	59.00 [45.00–68.75]	55.00 [43.50–64.50]	0.26	0.17
Female, *n* (%)	16 (38%)	36 (27%)	0.18	0.25
Past medical history				
Atrial fibrillation	12 (29%)	11 (8%)	0.001	0.55
Heart failure	8 (19%)	26 (19%)	1	0.005
CKD	1 (2%)	14 (10%)	0.12	0.33
COPD	1 (2%)	4 (3%)	1	0.04
ILD	1 (2%)	1 (1%)	0.42	0.13
CVA	8 (19%)	13 (10%)	0.11	0.27
DLD	22 (52%)	42 (31%)	0.02	0.44
DM	14 (33%)	34 (25%)	0.32	0.18
GIB	0 (0%)	1 (1%)	1	0.17
HTN	21 (50%)	57 (42%)	0.38	0.16
PVD	2 (5%)	3 (2%)	0.34	0.14
Previous cardiac surgery	8 (19%)	38 (28%)	0.32	0.22
Smoking (current)	4 (10%)	22 (16%)	0.60	0.20
Smoking (past)	12 (29%)	37 (27%)	0.60	0.20
Precannulation labs				
PO$_2$	132 [67–320]	119 [63–294]	0.49	0.08
PCO$_2$	44 [35–52]	41 [36–50]	0.50	0.05
Creatinine	120 90–174]	124 [84–178]	0.90	0.04
Hematocrit	28 [25–36]	30 [25–36]	0.87	0.02
Sodium	138 [135–147]	140 [137–145]	0.7	0.003
Potassium	4.4 [3.8–5.5]	4.1 [3.7–4.6]	0.03	0.45
Home Anticoagulants				
ASA	16 (38%)	53 (39%)	1	0.02
NOAC	2 (5%)	2 (2%)	0.24	0.19
Clopidogrel/ticagrelor	4 (10%)	10 (7%)	0.74	0.08
Warfarin	10 (24%)	14 (10%)		
Type of ECMO				
VA ECMO	36 (86%)	100 (74%)	0.14	0.29
VV ECMO	6 (14%)	35 (26%)	0.14	0.29

MCS indication				
Cardiac arrest	14 (33%)	31 (23%)	0.53	0.37
Post heart transplant support	5 (12%)	17 (13%)		
Postcardiotomy	13 (31%)	48 (36%)		
Respiratory failure	7 (17%)	34 (25%)		
Post PCI	1 (2%)	2 (2%)		
Toxicologic overdose	0 (0%)	1 (1%)		
Hypothermic rewarm	1 (2%)	1 (1%)		
Thrombotic Complications				
LV thrombus	1 (2%)	1 (1%)	0.42	0.13
Clots in circuit	9 (21%)	38 (28%)	0.43	0.16
Pump thrombosis	0 (0%)	1 (1%)	1	0.12
Ischemic stroke	2 (5%)	1 (1%)	0.14	0.25
Bleeding complications				
BARC ≥ 2	19 (45%)	76 (56%)	0.22	0.22
Re-exploration for bleeding	17 (40%)	59 (44%)	0.86	0.06
Total pRBCs	24 [15–42]	24 [9–39]	0.55	0.08
Course in hospital				
Survival to discharge	5 (12%)	53 (39%)	0.001	0.66

ASA = acetylsalicylic acid; BARC = Bleeding Academic Research Consortium;
CKD = chronic kidney disease; COPD = chronic obstructive pulmonary disease;
CVA = cerebrovascular accident; DLD = dyslipidemia; DM = diabetes mellitus;
DVT = deep vein thrombosis; ECMO = extracorporeal membrane oxygenation;
GIB = gastrointestinal bleed; HTN = hypertension; ILD = interstitial lung disease;
LOS = length of stay; LV = left ventricle; MCS = mechanical circulatory support;
NOAC = non-vitamin K antagonist oral anticoagulant; PCI = percutaneous intervention;
pRBCs = packed red blood cells; PVD = peripheral vascular disease;
SMD = standardized mean difference; UFH = unfractionated heparin; VA = venoarterial;
VV = venovenous