

Supplemental Table 1: Characteristics of survivors and non-survivors in COVID-19 patients receiving ECMO

	Survivors (n=21)	Non-survivors (n=27)	p-value
Age, years	47 (38-53)	51 (44-55)	0.32
Body-mass index, kg/m ²	32.5 (30.9-39.4)	34.1 (29-36.8)	0.43
Sex			
Male	13 (62%)	22 (81%)	0.19
Female	8 (38%)	5 (19%)	
Race			
African American	8 (38%)	7 (26%)	0.53
Asian	0 (0%)	2 (7%)	0.50
Hispanic	9 (43%)	7 (26%)	0.24
White	4 (19%)	11 (41%)	0.13
Pre-existing comorbidities			
Hypertension	6 (29%)	11 (41%)	0.54
Hyperlipidemia	2 (10%)	8 (30%)	0.15
Diabetes	7 (33%)	7 (26%)	0.75
Coronary artery disease	0 (0%)	3 (11%)	0.25
Tobacco use	1 (5%)	0 (0%)	0.48
Malnutrition	1 (5%)	8 (30%)	0.05*
Management strategies			
Non-invasive ventilation time, days	3.6 ± 4.5	5.6 ± 5.0	0.16
Pre-ECMO ventilation time, days	4.3 ± 3.2	4.6 ± 2.9	0.70
Diagnosis to cannulation time, days	11.1 ± 6.5	15.4 ± 4.7	0.02*
Remdesivir	12 (57%)	21 (78%)	0.21
Glucocorticoids	13 (62%)	23 (85%)	0.10
Complications			
Acute kidney injury	7 (33%)	10 (37%)	0.52
Bleeding sequelae	15 (71%)	24 (89%)	0.15
Thrombosis	9 (43%)	5 (19%)	0.11
Secondary infection	18 (86%)	21 (78%)	0.71
ECMO time, days	30.3 ± 18.2	52.6 ± 34.6	<0.01*

Continuous variables are presented as mean \pm SD or median (IQR). Categorical variables are presented as n(%). *p-value \leq 0.05.

OR= 1.10
p=0.039