Table S1. Baseline characteristics of patients from each center.

Characteristics	Development Set								Validation Set				
	Center 2 (N = 275)	**Center 3 (N = 131)**	**Center 6 (N = 162)**	**Center 7 (N = 293)**	**Center 10 (N = 377)**	**Center 11 (N = 227)**	**Center 12 (N = 129)**	**Center 13 (N = 137)**	**Center 1 (N = 16)**	**Center 4 (N = 50)**	**Center 5 (N = 377)**	**Center 8 (N = 40)**	**Center 9 (N = 68)**
Age (years)	50.3 ± 16.1	66.9 ± 19.3	62.3 ± 15.2	63.4 ± 20.1	47.8 ± 18.3	36.3 ± 19.4	55.0 ± 17.2	58.4 ± 18.2	55.6 ± 19.0	47.4 ± 17.9	48.9 ± 17.1	48.3 ± 17.8	62.7 ± 17.2
Sex													
Male	134 (48.7)	55 (42.0)	92 (56.8)	159 (54.3)	184 (48.8)	117 (51.5)	72 (55.8)	59 (43.1)	10 (62.5)	25 (50.0)	231 (61.3)	17 (42.5)	38 (55.9)
Female	141 (51.3)	76 (58.0)	70 (43.2)	134 (45.7)	193 (51.2)	110 (48.5)	57 (44.2)	78 (56.9)	6 (37.5)	25 (50.0)	146 (38.7)	23 (57.5)	30 (44.1)
Any comorbidity													
No	167 (60.7)	49 (37.4)	75 (46.3)	138 (47.1)	257 (68.2)	181 (79.7)	66 (51.2)	80 (58.4)	8 (50.0)	33 (66.0)	248 (65.8)	18 (45.0)	20 (29.4)
Yes	108 (39.3)	82 (62.6)	87 (53.7)	155 (52.9)	120 (31.8)	46 (20.3)	63 (48.8)	57 (41.6)	8 (50.0)	17 (34.0)	129 (34.2)	22 (55.0)	48 (70.6)
Any symptoms													
No	61 (22.2)	66 (50.4)	62 (38.3)	77 (26.3)	134 (35.5)	50 (22.0)	9 (7.0)	26 (19.0)	4 (25.0)	13 (26.0)	45 (11.9)	6 (15.0)	6 (8.8)
Yes	214 (77.8)	65 (49.6)	100 (61.7)	216 (73.7)	243 (64.5)	177 (78.0)	120 (93.0)	111 (81.0)	12 (75.0)	37 (74.0)	332 (88.1)	34 (85.0)	62 (91.2)
Clinical outcomes													
O_2 supplementation	49 (17.8)	34 (26.0)	21 (13.0)	75 (25.6)	64 (17.0)	27 (11.9)	31 (24.0)	22 (16.1)	1 (6.3)	0 (0.0)	50 (13.3)	11 (27.5)	23 (33.8)
Mechanical ventilation	22 (8.0)	6 (4.6)	13 (8.0)	18 (6.1)	0 (0.0)	3 (1.3)	12 (9.3)	10 (7.3)	0 (0.0)	6 (12.0)	12 (3.2)	4 (10.0)	11 (16.2)
ECMO	6 (2.2)	2 (1.5)	3 (1.9)	0 (0.0)	0 (0.0)	1 (0.4)	7 (5.4)	2 (1.5)	0 (0.0)	0 (0.0)	5 (1.3)	0 (0.0)	6 (8.8)
ICU admission	4 (1.5)	8 (6.5)	4 (2.5)	8 (2.7)	4 (1.1)	3 (1.3)	34 (26.4)	9 (6.6)	0 (0.0)	7 (5.6)	24 (6.4)	9 (22.5)	10 (14.7)
In-hospital mortality	4 (1.5)	10 (7.6)	14 (8.6)	23 (7.8)	0 (0.0)	2 (0.9)	20 (15.5)	12 (8.8)	0 (0.0)	0 (0.0)	13 (3.4)	1 (2.5)	7 (10.3)
All adverse events	51 (18.5)	38 (29.0)	35 (21.6)	100 (34.1)	66 (17.5)	27 (11.9)	59 (45.7)	34 (24.8)	1 (6.3)	7 (14.0)	60 (15.9)	16 (40.0)	34 (50.0)

ECMO, extracorporeal membrane oxygenation, ICU = intensive care unit.