

Supplemental table 1. Characteristics of subjects with VAEs categorized by pulmonary edema

	All (N=85)	Non-pulmonary edema (N=66)	Pulmonary edema (N=19)	<i>P</i> value
Basic data				
Age (years)	66 (53-79.5)	64 (51-78)	73 (63-87)	0.02
Male	69 (81.2%)	56 (84.8%)	13 (68.4%)	0.20
Body weight (kg)	60 (50-73.6)	59.9 (50.4-72.3)	61.5 (50-78.2)	0.77
Malignancy	32 (37.6%)	21 (31.8%)	11 (57.9%)	0.07
Type II diabetes mellitus	23 (27.1%)	19 (28.8%)	4 (21.1%)	0.71
Cerebrovascular disease	15 (17.6%)	11 (16.7%)	4 (21.1%)	0.92
Chronic airway disease	11 (12.9%)	8 (12.1%)	3 (15.8%)	0.98
End-stage renal disease	8 (9.4%)	6 (9.1%)	2 (10.5%)	>0.99
Congestive heart failure	11 (12.9%)	7 (10.6%)	4 (21.1%)	0.42
Etiologies of ICU-admission				0.39
Pneumonia	61 (71.8%)	47 (71.2%)	14 (73.7%)	
COPD with ventilatory failure	3 (3.5%)	3 (4.5%)	0	
Sepsis, non-pulmonary	3 (3.5%)	1 (1.5%)	2 (10.5%)	
Cardiogenic shock	6 (7.1%)	5 (7.6%)	1 (5.3%)	
Shock, non-septic/non-cardiogenic	3 (3.5%)	2 (3.0%)	1 (5.3%)	
Respiratory failure	9 (10.6%)	8 (12.1%)	1 (5.3%)	
Laboratory data and severity				
White blood cell count (count/ μ l)	13380 (8395-17985)	14000 (8922.5-18415)	9320 (5440-14840)	0.09
Hemoglobin (g/dL)	9.5 (8-11.6)	9.9 (8.3-12.3)	8.8 (8-9.7)	0.04
Platelet ($10^3/\mu$ L)	182 (97.5-280500)	189 (105.8-297.3)	135 (70-265)	0.28
Albumin (mg/dL)	2.5 (2.1-2.9)	2.4 (2.1-2.9)	2.7 (2.1-2.9)	0.61
Creatinine (mg/dL)	1.3 (0.8-2.6)	1.2 (0.8-2.3)	2.1 (1.1-4.4)	0.10
C-reactive protein (mg/dL)	13.6 (6.6-22.1)	14.6 (7-23.5)	8.9 (3.5-16.8)	0.21
Lactate (mg/dL)	19.5 (11.8-34.9)	21 (14-35.3)	16.9 (10.6-27.8)	0.53
APACHE II	28 (23-32.5)	27 (21.8-31.3)	31 (26-35)	<0.01
PaO ₂ /FiO ₂	241.8 (165.3-320.4)	239.8 (169.9-324)	253.8 (122.2-301.7)	0.83
Management and outcomes				
Renal replacement therapy	16 (18.8%)	8 (12.1%)	8 (42.1%)	<0.01
Ventilator-day (days)	19 (11-33.5)	18.5 (11-35.3)	19 (11-29)	0.92
ICU-stay (days)	19 (13-28)	18.5 (13-28.3)	20 (9-27)	0.90
Hospital-stay (days)	37 (20-51)	38 (20-50.5)	31 (19-52)	0.86
Hospital-mortality	55 (64.7%)	39 (59.1%)	16 (84.2%)	0.08

Data are presented as median (interquartile range) and N (%). VAE: ventilator-associated event; PVAP: possible ventilator-associated pneumonia; COPD: chronic obstructive pulmonary disease; ICU: intensive care unit; APACHEII: acute physiology and chronic health evaluation; ARDS: acute respiratory distress syndrome.