

Supplementary Table 2. Baseline characteristics of the non-ICU and ICU groups

Variable	Total (n = 338)	Non-ICU (n = 266)	ICU (n = 72)	P-value
Age (yr)	78.6 ± 7.4	79.1 ± 7.5	76.4 ± 6.7	0.004
Male sex	215 (63.6)	166 (62.4)	49 (68.1)	0.456
Body mass index (kg/m ²)	21.6 ± 3.9	21.7 ± 3.9	21.3 ± 3.8	0.393
Altered mental status	58 (17.2)	34 (12.8)	24 (33.3)	<0.001
Vital sign				
Systolic blood pressure (mmHg)	131.0 ± 28.2	133.6 ± 26.0	121.4 ± 33.8	0.005
Diastolic blood pressure (mmHg)	72.4 ± 16.3	73.3 ± 15.3	68.8 ± 19.3	0.067
Heart rate (beats/min)	100.8 ± 22.5	99.8 ± 21.7	104.5 ± 25.1	0.144
Respiratory rate (breaths/min)	24.4 ± 4.5	24.0 ± 4.1	26.1 ± 5.5	0.003
Oxygen saturation (%)	92.9 ± 9.7	93.7 ± 9.0	89.7 ± 11.6	0.008
Body temperature (°C)	37.3 ± 1.1	37.3 ± 1.0	37.3 ± 1.1	0.704
Length of hospital stay (day)	15.6 ± 15.6	14.2 ± 12.3	20.7 ± 23.5	0.027
Vasopressor use	49 (14.5)	4 (1.5)	45 (62.5)	<0.001
Mechanical ventilation	44 (43.0)	0 (0)	44 (61.1)	<0.001
Laboratory and radiographic finding				
White blood cell (10 ⁹ /L)	12.2 ± 8.3	11.8 ± 7.0	14.0 ± 11.7	0.123
Hematocrit (%)	35.1 ± 6.9	35.0 ± 6.5	35.3 ± 8.1	0.794
Platelet (10 ⁹ /L)	249.5 ± 128.4	253.5 ± 129.7	234.6 ± 123.0	0.254
Glucose (mg/dL)	173.1 ± 91.7	171.1 ± 84.1	180.7 ± 116.0	0.514
Blood urea nitrogen (mg/dL)	29.9 ± 21.7	29.0 ± 21.9	33.2 ± 20.8	0.134
Creatinine (mg/dL)	1.5 ± 1.7	1.4 ± 1.5	1.8 ± 2.2	0.233
Albumin (g/dL)	3.3 ± 0.5	3.3 ± 0.5	3.2 ± 0.5	0.318
Sodium (mmol/L)	135.8 ± 6.6	135.7 ± 6.5	136.3 ± 6.8	0.535
Potassium (mmol/L)	4.3 ± 0.7	4.3 ± 0.6	4.5 ± 0.8	0.058
C-reactive protein (mg/dL)	13.2 ± 9.4	12.8 ± 8.7	14.8 ± 11.7	0.184
pH	7.4 ± 0.1	7.4 ± 0.1	7.4 ± 0.1	0.000
PaO ₂ (mmHg)	85.27 ± 38.9	82.39 ± 29.5	95.9 ± 61.5	0.074
Lactic acid (mmol/L)	2.0 ± 2.0	1.8 ± 1.5	3.0 ± 3.1	0.001
Pleural effusion on chest radiograph	132 (39.1)	101 (38.0)	31 (43.1)	0.517
Comorbidity				
Cerebrovascular disease	71 (21.0)	56 (21.1)	15 (20.8)	1.000
Neoplastic disease	79 (23.4)	58 (21.8)	21 (29.2)	0.249
Congestive heart failure	35 (10.4)	26 (9.8)	9 (12.5)	0.649
Chronic renal disease	51 (15.1)	41 (15.4)	10 (13.9)	0.893
Chronic liver disease	11 (3.3)	8 (3.0)	3 (4.2)	0.907
Nursing home resident	25 (7.4)	17 (6.4)	8 (11.1)	0.270
Severity score				
PSI score	122.0 ± 34.7	116.5 ± 31.9	142.2 ± 37.5	<0.001
Class II	10 (3.0)	10 (3.8)	0 (0)	<0.001
Class III	57 (16.9)	51 (19.2)	6 (8.3)	
Class IV	163 (48.2)	138 (51.9)	25 (34.7)	
Class V	108 (32.0)	67 (25.2)	41 (56.9)	
CURB-65 score	2.3 ± 1.0	2.1 ± 0.9	2.9 ± 1.0	<0.001
Clinical frailty scale	5.3 ± 1.9	4.9 ± 1.8	6.6 ± 1.8	<0.001
Muscle area (mm ²)	940.1 ± 423.3	972.8 ± 422.9	819.3 ± 405.2	0.006
Muscle index ^{a)} (mm ² /m ²)	361.1 ± 157.7	374.8 ± 157.7	310.7 ± 148.4	0.002
Muscle attenuation (HU)	33.8 ± 14.4	33.7 ± 14.4	33.9 ± 14.4	0.952

Values are presented as mean ± standard deviation or number (%). Percentages may not total 100 due to rounding.

ICU, intensive care unit; PSI, pneumonia severity index; CURB-65; confusion, urea, respiratory rate, blood pressure, age ≥65 yr; HU, Hounsfield units.

^{a)}Calculated as the value of the average cross-sectional muscle area (mm²) divided by the square of the patient's height (m²).