

Supplement Table A. Subgroup analysis of PCT < 0.05 ng/mL with use antibiotics.

	PCT < 0.05 ng/mL Anti (-) (n = 157)	PCT < 0.05 ng/mL Anti (+) (n = 79)	<i>p</i>
Age (mean, y)	59.9 ± 17.7	69.0 ± 16.9	< 0.001
Male sex (%)	67 (42.7)	38 (48.1)	0.429
Health care (%)	30 (19.1)	35 (44.3)	< 0.001
Patient symptoms (%)			
Fever (> 37.5 C)	38 (24.2)	17 (21.5)	0.645
URI Sx.	62 (39.5)	23 (29.1)	0.117
Extra URI Sx.	65 (41.4)	23 (29.1)	0.065
Past history (%)			
Hypertension	54 (34.4)	39 (49.4)	0.026
Hyperlipidemia	19 (12.1)	8 (10.1)	0.653
Diabetes mellitus	21 (13.4)	19 (24.1)	0.039
CVA	13 (8.3)	14 (17.7)	0.032
Chronic kidney disease	1 (0.6)	1 (1.3)	0.619
Dementia	8 (5.1)	10 (12.7)	0.039
Cardiac history	11 (7.0)	11 (13.9)	0.085
Lung disease (e.g., COPD)	5 (3.2)	1 (1.3)	0.377
Initial laboratory findings			
Hemoglobin (g/dL)	13.1 ± 1.7	13.0 ± 1.7	0.581
White blood cell (/uL)	5.20 ± 1.93	6.04 ± 3.42	0.046
Segment neutrophil (%)	61.9 ± 12.4	69.8 ± 13.9	< 0.001
Platelet (103/uL)	210.4 ± 67.6	214.6 ± 102.0	0.74
CRP (mg/dL)	1.45 ± 2.80	4.35 ± 4.92	< 0.001
Albumin (g/dL)	4.13 ± 0.39	3.76 ± 0.52	< 0.001
Creatinine (mg/dL)	0.71 ± 0.22	0.75 ± 0.37	0.359
Blood urea nitrogen (mg/dL)	14.07 ± 6.07	17.45 ± 8.33	0.002
Ferritin (ng/mL)	261.70 ± 350.30	429.85 ± 432.22	0.002
Treatment			
Dexamethasone	27 (17.2)	42 (53.2)	< 0.001
Remdesivir	5 (3.2)	30 (38.0)	< 0.001
Norepinephrine use	0 (0)	5 (6.3)	0.004
HFNC	0 (0)	9 (11.4)	< 0.001
Mechanical ventilation	0 (0)	4 (5.1)	0.012
ECMO	0 (0)	0 (0)	-
ICU admission	1 (0.6)	9 (11.4)	< 0.001
Clinical outcome			
Mortality (%)	0 (0)	5 (6.3)	0.004
Length of hospital stay (mean, d)	13.3 ± 9.1	22.4 ± 12.7	< 0.001

Cancer = all of cancer history regardless of location.

COPD = chronic obstructive pulmonary disease; CRP = c-reactive protein; CT value = cycle threshold value; CVA = cerebrovascular accident; ECMO = extracorporeal membrane oxygenation; HFNC = high flow nasal cannula; ICU = intensive care unit; PCT = procalcitonin; Sx. = symptom; URI = upper respiratory infection.