

Supplementary Table 1. Unadjusted association between hospitalization and selected co-factors.

Factor N	Hospitalization		p-value
	No 21	Yes 61	
Age, mean (SD)	45.71 (14.38)	58.16 (17.34)	0.004
BMI, mean (SD)	29.17 (4.63)	30.08 (5.94)	0.55
Maximum body temperature recorded, mean (SD)	37.32 (0.59)	38.57 (1.09)	<0.001
Respiratory rate (highest), mean (SD)	18.44 (1.82)	36.90 (19.04)	<0.001
Systolic, mean (SD)	119.69 (19.11)	91.32 (27.64)	<0.001
Diastolic, mean (SD)	71.44 (11.26)	52.13 (15.42)	<0.001
Lowest SpO2 recorded, mean (SD)	94.44 (1.75)	78.64 (18.32)	<0.001
Hb, mean (SD)	14.28 (2.08)	12.26 (3.07)	0.028
WBC count, median (IQR)	5.58 (5.05, 7.77)	9.61 (4.97, 14.21)	0.20
Lymphocyte count, median (IQR)	1.30 (0.98, 1.62)	0.69 (0.49, 1.07)	0.009
Platelet count , median (IQR)	215.00 (196.00, 279.00)	244.00 (167.00, 390.00)	0.42
LDH, mean (SD)	NA	641.77 (1325.41)	
CRP, mean (SD)	NA	11.82 (6.07)	
Procalcitonin, mean (SD)	0.05 (.)	1.49 (4.42)	
Lactic acid , mean (SD)	3.20 (.)	3.59 (7.09)	
HCO3, mean (SD)	23.14 (2.57)	22.18 (11.83)	0.76
AST, median (IQR)	34.00 (24.00, 50.00)	65.00 (44.00, 114.50)	0.004
ALT, median (IQR)	32.00 (22.00, 43.00)	46.50 (31.00, 83.00)	0.14
INR, mean (SD)	1.00 (.)	1.68 (1.91)	0.73
PTT, mean (SD)	26.00 (.)	37.51 (22.89)	0.63
Bil total, median (IQR)	0.75 (0.60, 0.90)	0.80 (0.60, 1.10)	0.52
CK, mean (SD)	. (.)	150.00 (180.32)	
Na, mean (SD)	137.29 (3.87)	133.24 (18.14)	0.41
K , median (IQR)	4.10 (3.90, 4.20)	4.40 (3.60, 5.00)	0.32
Cl, median (IQR)	103.50 (100.00, 105.00)	104.00 (96.00, 109.00)	0.74
D-Dimer, mean (SD)	. (.)	43.93 (285.29)	
PRO-BNP, mean (SD)	49.00 (.)	21666.63 (46063.72)	0.66
Lipase, mean (SD)	. (.)	1564.70 (2866.79)	
TROPONIN, mean (SD)	0.01 (0.00)	0.53 (2.93)	0.57
pH, mean (SD)	. (.)	7.32 (0.17)	
PO2, mean (SD)	. (.)	59.44 (22.98)	
PCO2, mean (SD)	. (.)	43.17 (22.24)	
Sex			0.30
F	11 (52.4%)	24 (39.3%)	
M	10 (47.6%)	37 (60.7%)	

Pregnancy	0 (0.0%)	2 (3.3%)	0.40
Current smokers	1 (4.8%)	3 (4.9%)	0.98
Drug use	0 (0.0%)	3 (4.9%)	0.30
IVDU	0 (0.0%)	1 (1.6%)	0.55
Alcoholic	0 (0.0%)	3 (5.0%)	0.30
Recent travel to infected region	5 (23.8%)	18 (29.5%)	0.62
Recent contact with COVID-19 + case	3 (14.3%)	14 (23.0%)	0.40
Duration between exposure and symptoms if known			0.20
0	20 (95.2%)	60 (98.4%)	
2	1 (4.8%)	0 (0.0%)	
7	0 (0.0%)	1 (1.6%)	
Any positive family member/roommate	5 (23.8%)	11 (18.0%)	0.56
Any episode of fever	10 (47.6%)	50 (82.0%)	0.002
What was the first started symptom?			0.63
AMS	0 (0.0%)	1 (1.6%)	
Anosmia	1 (4.8%)	0 (0.0%)	
Cough	0 (0.0%)	1 (1.6%)	
Hypoxia	0 (0.0%)	1 (1.6%)	
SOB	1 (4.8%)	2 (3.3%)	
Shortness of breath	1 (4.8%)	6 (9.8%)	
abdominal pain	0 (0.0%)	1 (1.6%)	
anosmia and ageusia	0 (0.0%)	1 (1.6%)	
body aches	1 (4.8%)	0 (0.0%)	
coffee-ground emesis	0 (0.0%)	1 (1.6%)	
cough	6 (28.6%)	10 (16.4%)	
cough & headache	0 (0.0%)	1 (1.6%)	
cough and SOB	0 (0.0%)	1 (1.6%)	
cough and fever	0 (0.0%)	1 (1.6%)	
cough or fever	0 (0.0%)	1 (1.6%)	
diarrhea	0 (0.0%)	1 (1.6%)	
dry cough	0 (0.0%)	1 (1.6%)	
epigastric pain	0 (0.0%)	1 (1.6%)	
fatigue	0 (0.0%)	2 (3.3%)	
fatigue/weakness	0 (0.0%)	1 (1.6%)	
fever	2 (9.5%)	2 (3.3%)	
itchy throat	1 (4.8%)	0 (0.0%)	
left-sided weakness	0 (0.0%)	1 (1.6%)	
loss of taste and smell	1 (4.8%)	0 (0.0%)	
nasal congestion	0 (0.0%)	1 (1.6%)	
productive cough	0 (0.0%)	1 (1.6%)	
sore throat	1 (4.8%)	0 (0.0%)	
throat pain	1 (4.8%)	0 (0.0%)	
weakness	0 (0.0%)	1 (1.6%)	
weakness/fatigue	0 (0.0%)	1 (1.6%)	

	5 (23.8%)	20 (32.8%)	
N_symptoms, mean (SD)	4.29 (2.74)	4.82 (2.97)	0.47
Conjunctival congestion			
No	21 (100.0%)	61 (100.0%)	
Nasal congestion	8 (38.1%)	4 (6.6%)	<0.001
Rhinorrhea	0 (0.0%)	3 (4.9%)	0.30
Headache	8 (38.1%)	18 (30.0%)	0.49
Cough	14 (66.7%)	41 (67.2%)	0.96
Sore throat	7 (33.3%)	11 (18.0%)	0.14
Sputum production	3 (14.3%)	8 (13.1%)	0.89
Fatigue	6 (28.6%)	31 (50.8%)	0.077
Hemoptysis	0 (0.0%)	1 (1.6%)	0.55
Shortness of breath	10 (47.6%)	45 (73.8%)	0.028
chest pain	5 (23.8%)	19 (31.1%)	0.52
chest discomfort	0 (0.0%)	12 (19.7%)	0.028
abdominal pain	0 (0.0%)	8 (13.1%)	0.081
Nausea or vomiting	4 (19.0%)	23 (37.7%)	0.12
Diarrhea	3 (14.3%)	17 (28.3%)	0.20
Myalgia or arthralgia	9 (42.9%)	21 (34.4%)	0.49
Chill	7 (33.3%)	20 (32.8%)	0.96
loss of taste	3 (14.3%)	6 (9.8%)	0.57
loss of smell	3 (14.3%)	6 (9.8%)	0.57
N_signs, mean (SD)	0.29 (0.64)	0.56 (0.65)	0.10
N_signs			0.038
0	17 (81.0%)	32 (52.5%)	
1	2 (9.5%)	24 (39.3%)	
2	2 (9.5%)	5 (8.2%)	
Throat congestion	3 (14.3%)	0 (0.0%)	0.003
Tonsil swelling	1 (4.8%)	3 (4.9%)	0.98
Rash	1 (4.8%)	2 (3.3%)	0.75
Abnormal lung sounds	0 (0.0%)	27 (45.8%)	<0.001
N_chronic, mean (SD)	0.67 (0.91)	1.67 (1.33)	0.002
N_chronic			0.062
0	12 (57.1%)	15 (24.6%)	
1	5 (23.8%)	11 (18.0%)	
2	3 (14.3%)	22 (36.1%)	
3	1 (4.8%)	7 (11.5%)	
4	0 (0.0%)	4 (6.6%)	
5	0 (0.0%)	2 (3.3%)	
N_chronic1			0.017
0	12 (57.1%)	15 (24.6%)	
1	5 (23.8%)	11 (18.0%)	
2	3 (14.3%)	22 (36.1%)	
33	1 (4.8%)	13 (21.3%)	
COPD	0 (0.0%)	2 (3.3%)	0.40

DM	2 (9.5%)	30 (49.2%)	0.001
HTN	6 (28.6%)	34 (55.7%)	0.032
Coronary artery disease	0 (0.0%)	8 (13.1%)	0.081
Cerebrovascular disease	1 (4.8%)	5 (8.2%)	0.60
Cancer	0 (0.0%)	1 (1.6%)	0.55
CKD	0 (0.0%)	7 (11.5%)	0.10
Cirrhosis	0 (0.0%)	1 (1.6%)	0.55
Asthma	1 (4.8%)	3 (4.9%)	0.98
Rheumatological	1 (4.8%)	0 (0.0%)	0.086
IBD	0 (0.0%)	1 (1.6%)	0.55
HIV+	0 (0.0%)	1 (1.6%)	0.55
Hepatitis	0 (0.0%)	2 (3.3%)	0.40
Hypothyroidism	3 (15.0%)	7 (11.5%)	0.68
Hyperthyroidism			
0	21 (100.0%)	60 (98.4%)	
	0 (0.0%)	1 (1.6%)	
Ground-glass opacities			<0.001
0	10 (47.6%)	21 (34.4%)	
1	4 (19.0%)	38 (62.3%)	
99	7 (33.3%)	2 (3.3%)	
Local patchy shadowing			<0.001
0	11 (52.4%)	29 (47.5%)	
1	3 (14.3%)	30 (49.2%)	
99	7 (33.3%)	2 (3.3%)	
Diffuse patchy shadowing			<0.001
0	13 (61.9%)	31 (50.8%)	
1	1 (4.8%)	28 (45.9%)	
99	7 (33.3%)	2 (3.3%)	
Pleural effusion			<0.001
0	13 (61.9%)	42 (68.9%)	
1	1 (4.8%)	17 (27.9%)	
99	7 (33.3%)	2 (3.3%)	
Interstitial abnormalities			0.001
0	13 (61.9%)	26 (42.6%)	
1	1 (4.8%)	29 (47.5%)	
na	7 (33.3%)	4 (6.6%)	
CT_Ground-glass opacities			0.048
1	1 (4.8%)	15 (24.6%)	
na	20 (95.2%)	46 (75.4%)	
CT_Local patchy shadowing			0.23
0	0 (0.0%)	6 (9.8%)	
1	1 (4.8%)	6 (9.8%)	
na	20 (95.2%)	49 (80.3%)	
CT_Diffuse patchy shadowing			0.28
0	1 (4.8%)	6 (9.8%)	

1	0 (0.0%)	5 (8.2%)	
na	20 (95.2%)	50 (82.0%)	
CT_Pleural effusion			0.15
0	1 (4.8%)	6 (9.8%)	
1	0 (0.0%)	8 (13.1%)	
na	20 (95.2%)	47 (77.0%)	
CT_Interstitial abnormalities			0.28
0	1 (4.8%)	6 (9.8%)	
1	0 (0.0%)	7 (11.5%)	
60	0 (0.0%)	1 (1.6%)	
na	20 (95.2%)	47 (77.0%)	
N_med, mean (SD)	0.86 (1.15)	3.05 (2.12)	<0.001
N_med			0.005
0	11 (52.4%)	6 (9.8%)	
1	5 (23.8%)	12 (19.7%)	
2	3 (14.3%)	10 (16.4%)	
3	1 (4.8%)	5 (8.2%)	
4	1 (4.8%)	14 (23.0%)	
5	0 (0.0%)	7 (11.5%)	
6	0 (0.0%)	4 (6.6%)	
7	0 (0.0%)	2 (3.3%)	
10	0 (0.0%)	1 (1.6%)	
N_med1			<0.001
0	11 (52.4%)	6 (9.8%)	
1	5 (23.8%)	12 (19.7%)	
2	3 (14.3%)	10 (16.4%)	
3	1 (4.8%)	5 (8.2%)	
4	1 (4.8%)	14 (23.0%)	
5	0 (0.0%)	14 (23.0%)	
Remdesivir	0 (0.0%)	4 (6.6%)	0.23
Hydroxychloroquine	0 (0.0%)	15 (24.6%)	0.012
azithromycin	10 (47.6%)	44 (72.1%)	0.041
Statin	2 (9.5%)	22 (36.1%)	0.021
Corticosteroid	3 (14.3%)	22 (36.1%)	0.061
ACEi/ARB	2 (9.5%)	8 (13.1%)	0.66
Vit C	1 (4.8%)	23 (37.7%)	0.004
Zinc	0 (0.0%)	21 (34.4%)	0.002
Vitamin D	0 (0.0%)	14 (23.0%)	0.016
Vasopressors	0 (0.0%)	9 (14.8%)	0.062
Tocilizumab	0 (0.0%)	2 (3.3%)	0.40
convalescent plasma	0 (0.0%)	2 (3.3%)	0.40

SD: standard deviation; IQR: Inter-quartile range

Suppl. Table 2. Unadjusted association between mortality and cofactors.

Factor N	Death		p-value
	No 67	Yes 15	
Age, mean (SD)	51.67 (16.65)	69.73 (12.81)	<0.001
BMI, mean (SD)	29.87 (5.16)	29.86 (7.60)	1.00
Maximum body temperature recorded, mean (SD)	38.02 (0.91)	39.47 (1.21)	<0.001
Respiratory rate (highest), mean (SD)	26.66 (13.34)	58.87 (13.55)	<0.001
Systolic, mean (SD)	105.77 (22.59)	62.80 (23.72)	<0.001
Diastolic, mean (SD)	61.10 (12.74)	36.27 (15.73)	<0.001
Lowest SpO2 recorded, mean (SD)	87.58 (11.07)	58.53 (20.14)	<0.001
Hb, mean (SD)	13.06 (3.02)	10.88 (2.35)	0.011
		16.05 (11.88,	
WBC count, median (IQR)	6.93 (4.45, 11.43)	29.00)	<0.001
Lymphocyte count, median (IQR)	0.86 (0.60, 1.30)	0.51 (0.37, 0.69)	<0.001
	236.00 (176.00,	305.00 (114.00,	
Platelet count , median (IQR)	334.00)	474.00)	0.89
	353.00 (237.00,	677.00 (653.00,	
LDH, median (IQR)	447.00)	952.00)	<0.001
	13.30 (5.90,	18.00 (11.05,	
CRP, median (IQR)	17.30)	18.00)	0.026
Procalcitonin, median (IQR)	0.11 (0.05, 0.23)	0.33 (0.16, 0.52)	0.022
Lactic acid , median (IQR)	1.15 (0.80, 2.00)	3.15 (1.60, 5.80)	0.004
HCO3, mean (SD)	22.61 (10.65)	21.40 (11.19)	0.70
	53.50 (34.00,	136.00 (74.00,	
AST, median (IQR)	72.00)	376.00)	<0.001
	42.50 (22.00,	83.00 (40.00,	
ALT, median (IQR)	65.00)	157.00)	0.011
INR , median (IQR)	1.20 (1.10, 1.30)	1.40 (1.20, 1.50)	0.042
	31.00 (24.70,	41.30 (33.10,	
PTT, median (IQR)	33.40)	88.10)	0.007
Bil total, median (IQR)	0.75 (0.60, 1.00)	0.90 (0.70, 2.20)	0.025
CK, mean (SD)	150.00 (180.32)	. (.)	
Na, mean (SD)	132.28 (17.24)	140.87 (11.08)	0.071
K , median (IQR)	4.10 (3.65, 4.70)	5.40 (3.50, 6.30)	0.037
	103.00 (97.00,	112.00 (95.00,	
Cl, median (IQR)	107.00)	115.00)	0.008
D-Dimer, median (IQR)	1.10 (0.63, 2.20)	3.80 (2.63, 11.23)	0.002
	299.50 (106.00,	1010.00 (489.00,	
PRO-BNP, median (IQR)	887.00)	28700.00)	0.20
Lipase, mean (SD)	169.72 (142.66)	4819.67 (3770.82)	0.007
TROPONIN, median (IQR)	0.01 (0.01, 0.01)	0.03 (0.01, 0.11)	0.002
pH, mean (SD)	7.40 (0.09)	7.24 (0.19)	0.009

PO2, median (IQR)	61.20 (55.30, 70.50)	47.60 (46.30, 61.80)	0.36
PCO2, median (IQR)	32.70 (28.60, 39.50)	55.80 (33.20, 60.50)	0.060
Sex			0.17
F	31 (46.3%)	4 (26.7%)	
M	36 (53.7%)	11 (73.3%)	
Pregnancy	2 (3.0%)	0 (0.0%)	0.50
Current smokers	4 (6.0%)	0 (0.0%)	0.33
Drug use	3 (4.5%)	0 (0.0%)	0.40
IVDU	1 (1.5%)	0 (0.0%)	0.63
Alcoholic	2 (3.0%)	1 (6.7%)	0.50
Recent travel to infected region	18 (26.9%)	5 (33.3%)	0.61
Recent contact with COVID-19 + case	12 (17.9%)	5 (33.3%)	0.18
Duration between exposure and symptoms if known			0.79
0	65 (97.0%)	15 (100.0%)	
2	1 (1.5%)	0 (0.0%)	
7	1 (1.5%)	0 (0.0%)	
Any positive family member/roommate	13 (19.4%)	3 (20.0%)	0.96
Any episode of fever	47 (70.1%)	13 (86.7%)	0.19
What was the first started symptom?			0.23
AMS	1 (1.5%)	0 (0.0%)	
Anosmia	1 (1.5%)	0 (0.0%)	
Cough	1 (1.5%)	0 (0.0%)	
Hypoxia	0 (0.0%)	1 (6.7%)	
SOB	2 (3.0%)	1 (6.7%)	
Shortness of breath	5 (7.5%)	2 (13.3%)	
abdominal pain	0 (0.0%)	1 (6.7%)	
anosmia and ageusia	1 (1.5%)	0 (0.0%)	
body aches	1 (1.5%)	0 (0.0%)	
coffee-ground emesis	0 (0.0%)	1 (6.7%)	
cough	15 (22.4%)	1 (6.7%)	
cough & headache	1 (1.5%)	0 (0.0%)	
cough and SOB	1 (1.5%)	0 (0.0%)	
cough and fever	0 (0.0%)	1 (6.7%)	
cough or fever	1 (1.5%)	0 (0.0%)	
diarrhea	1 (1.5%)	0 (0.0%)	
dry cough	1 (1.5%)	0 (0.0%)	
epigastric pain	1 (1.5%)	0 (0.0%)	
fatigue	2 (3.0%)	0 (0.0%)	
fatigue/weakness	1 (1.5%)	0 (0.0%)	
fever	3 (4.5%)	1 (6.7%)	
itchy throat	1 (1.5%)	0 (0.0%)	
left-sided weakness	0 (0.0%)	1 (6.7%)	
loss of taste and smell	1 (1.5%)	0 (0.0%)	

nasal congestion	1 (1.5%)	0 (0.0%)	
productive cough	1 (1.5%)	0 (0.0%)	
sore throat	1 (1.5%)	0 (0.0%)	
throat pain	1 (1.5%)	0 (0.0%)	
weakness	0 (0.0%)	1 (6.7%)	
weakness/fatigue	0 (0.0%)	1 (6.7%)	
	22 (32.8%)	3 (20.0%)	
N_symptoms, mean (SD)	5.13 (2.91)	2.67 (1.91)	0.002
Conjunctival congestion			
0	67 (100.0%)	15 (100.0%)	
Nasal congestion	12 (17.9%)	0 (0.0%)	0.076
Rhinorrhea	3 (4.5%)	0 (0.0%)	0.40
Headache	24 (36.4%)	2 (13.3%)	0.085
Cough	48 (71.6%)	7 (46.7%)	0.063
Sore throat	17 (25.4%)	1 (6.7%)	0.11
Sputum production	10 (14.9%)	1 (6.7%)	0.40
Fatigue	31 (46.3%)	6 (40.0%)	0.66
Hemoptysis	1 (1.5%)	0 (0.0%)	0.63
Shortness of breath	46 (68.7%)	9 (60.0%)	0.52
chest pain	23 (34.3%)	1 (6.7%)	0.033
chest discomfort	12 (17.9%)	0 (0.0%)	0.076
abdominal pain	5 (7.5%)	3 (20.0%)	0.14
Nausea or vomiting	22 (32.8%)	5 (33.3%)	0.97
Diarrhea	17 (25.8%)	3 (20.0%)	0.64
Myalgia or arthralgia	29 (43.3%)	1 (6.7%)	0.008
Chill	26 (38.8%)	1 (6.7%)	0.017
loss of taste	9 (13.4%)	0 (0.0%)	0.13
loss of smell	9 (13.4%)	0 (0.0%)	0.13
N_signs, mean (SD)	0.48 (0.68)	0.53 (0.52)	0.77
N_signs			0.091
0	42 (62.7%)	7 (46.7%)	
1	18 (26.9%)	8 (53.3%)	
2	7 (10.4%)	0 (0.0%)	
Throat congestion	3 (4.5%)	0 (0.0%)	0.40
Tonsil swelling	4 (6.0%)	0 (0.0%)	0.33
Rash	3 (4.5%)	0 (0.0%)	0.40
Abnormal lung sounds	19 (29.2%)	8 (53.3%)	0.075
N_chronic, mean (SD)	1.21 (1.27)	2.33 (1.05)	0.002
N_chronic			0.008
0	26 (38.8%)	1 (6.7%)	
1	15 (22.4%)	1 (6.7%)	
2	18 (26.9%)	7 (46.7%)	
3	4 (6.0%)	4 (26.7%)	
4	2 (3.0%)	2 (13.3%)	
5	2 (3.0%)	0 (0.0%)	

N_chronic1			0.006
0	26 (38.8%)	1 (6.7%)	
1	15 (22.4%)	1 (6.7%)	
2	18 (26.9%)	7 (46.7%)	
33	8 (11.9%)	6 (40.0%)	
COPD	2 (3.0%)	0 (0.0%)	0.50
DM	21 (31.3%)	11 (73.3%)	0.003
HTN	29 (43.3%)	11 (73.3%)	0.035
Coronary artery disease	5 (7.5%)	3 (20.0%)	0.14
Cerebrovascular disease	4 (6.0%)	2 (13.3%)	0.32
Cancer	1 (1.5%)	0 (0.0%)	0.63
CKD	4 (6.0%)	3 (20.0%)	0.079
Cirrhosis	1 (1.5%)	0 (0.0%)	0.63
Asthma	3 (4.5%)	1 (6.7%)	0.72
Rheumatological	1 (1.5%)	0 (0.0%)	0.63
IBD	0 (0.0%)	1 (6.7%)	0.033
HIV+	0 (0.0%)	1 (6.7%)	0.033
Hepatitis	2 (3.0%)	0 (0.0%)	0.50
Hypothyroidism	8 (12.1%)	2 (13.3%)	0.90
Hyperthyroidism			
0	67 (100.0%)	14 (93.3%)	
	0 (0.0%)	1 (6.7%)	
Ground-glass opacities			0.009
0	29 (43.3%)	2 (13.3%)	
1	29 (43.3%)	13 (86.7%)	
99	9 (13.4%)	0 (0.0%)	
Local patchy shadowing			0.29
0	31 (46.3%)	9 (60.0%)	
1	27 (40.3%)	6 (40.0%)	
99	9 (13.4%)	0 (0.0%)	
Diffuse patchy shadowing			<0.001
0	41 (61.2%)	3 (20.0%)	
1	17 (25.4%)	12 (80.0%)	
99	9 (13.4%)	0 (0.0%)	
Pleural effusion			<0.001
0	50 (74.6%)	5 (33.3%)	
1	8 (11.9%)	10 (66.7%)	
99	9 (13.4%)	0 (0.0%)	
Interstitial abnormalities			<0.001
0	37 (55.2%)	2 (13.3%)	
Undet	1 (1.5%)	0 (0.0%)	
1	17 (25.4%)	13 (86.7%)	
not mentioned	1 (1.5%)	0 (0.0%)	
na	11 (16.4%)	0 (0.0%)	
CT_Ground-glass opacities			0.96

1	13 (19.4%)	3 (20.0%)	
na	54 (80.6%)	12 (80.0%)	
CT_Local patchy shadowing			0.76
0	5 (7.5%)	1 (6.7%)	
1	5 (7.5%)	2 (13.3%)	
na	57 (85.1%)	12 (80.0%)	
CT_Diffuse patchy shadowing			0.96
0	6 (9.0%)	1 (6.7%)	
1	4 (6.0%)	1 (6.7%)	
na	57 (85.1%)	13 (86.7%)	
CT_Pleural effusion			0.17
0	7 (10.4%)	0 (0.0%)	
1	5 (7.5%)	3 (20.0%)	
na	55 (82.1%)	12 (80.0%)	
CT_Interstitial abnormalities			0.85
0	5 (7.5%)	2 (13.3%)	
1	6 (9.0%)	1 (6.7%)	
60	1 (1.5%)	0 (0.0%)	
na	55 (82.1%)	12 (80.0%)	
N_med, mean (SD)	2.36 (2.09)	3.07 (2.37)	0.25
N_med			0.14
0	16 (23.9%)	1 (6.7%)	
1	15 (22.4%)	2 (13.3%)	
2	8 (11.9%)	5 (33.3%)	
3	5 (7.5%)	1 (6.7%)	
4	11 (16.4%)	4 (26.7%)	
5	6 (9.0%)	1 (6.7%)	
6	4 (6.0%)	0 (0.0%)	
7	2 (3.0%)	0 (0.0%)	
10	0 (0.0%)	1 (6.7%)	
N_med1			0.25
0	16 (23.9%)	1 (6.7%)	
1	15 (22.4%)	2 (13.3%)	
2	8 (11.9%)	5 (33.3%)	
3	5 (7.5%)	1 (6.7%)	
4	11 (16.4%)	4 (26.7%)	
55	12 (17.9%)	2 (13.3%)	
Remdesivir	3 (4.5%)	1 (6.7%)	0.72
Hydroxychloroquine	10 (14.9%)	5 (33.3%)	0.096
azithromycin	44 (65.7%)	10 (66.7%)	0.94
Statin	17 (25.4%)	7 (46.7%)	0.10
Corticosteroid	21 (31.3%)	4 (26.7%)	0.72
ACEi/ARB	7 (10.4%)	3 (20.0%)	0.31
Vit C	23 (34.3%)	1 (6.7%)	0.033
Zinc	20 (29.9%)	1 (6.7%)	0.063

Vitamin D	12 (17.9%)	2 (13.3%)	0.67
Vasopressors	1 (1.5%)	8 (53.3%)	<0.001
Tocilizumab	0 (0.0%)	2 (13.3%)	0.002
convalescent plasma	0 (0.0%)	2 (13.3%)	0.003

SD: standard deviation;

IQR: inter-quartile range

Suppl. Table 3. Unadjusted association between ICU admission and selected cofactors.

Factor	ICU admission		p-value
	No	Yes	
N	62	20	
Age, mean (SD)	52.63 (17.87)	62.25 (13.97)	0.031
BMI, mean (SD)	29.59 (5.31)	30.69 (6.63)	0.46
Maximum body temperature recorded, mean (SD)	37.95 (0.88)	39.31 (1.16)	<0.001
Respiratory rate (highest), mean (SD)	23.79 (7.72)	58.85 (15.12)	<0.001
Systolic, mean (SD)	107.09 (22.34)	69.85 (25.99)	<0.001
Diastolic, mean (SD)	62.20 (12.62)	39.40 (14.88)	<0.001
Lowest SpO2 recorded, mean (SD)	88.77 (7.36)	62.39 (22.96)	<0.001
Hb, mean (SD)	13.36 (2.68)	10.61 (3.00)	<0.001
WBC count , median (IQR)	6.77 (4.45, 9.61)	14.63 (11.88, 17.07)	<0.001
Lymphocyte count, median (IQR)	0.88 (0.59, 1.30)	0.59 (0.40, 0.80)	0.008
Platelet count , median (IQR)	224.00 (170.00, 322.00)	315.00 (163.50, 458.50)	0.16
LDH, median (IQR)	371.50 (282.50, 456.50)	568.00 (336.00, 734.00)	0.073
CRP, median (IQR)	10.85 (5.90, 16.40)	18.00 (7.50, 18.00)	0.025
Procalcitonin, median (IQR)	0.09 (0.05, 0.18)	0.41 (0.21, 2.18)	<0.001
Lactic acid , median (IQR)	1.10 (0.80, 1.80)	2.50 (1.50, 4.40)	0.006
HCO3, mean (SD)	21.70 (4.29)	24.15 (19.58)	0.39
AST, median (IQR)	50.00 (33.00, 71.00)	84.50 (65.50, 237.50)	<0.001
ALT, median (IQR)	39.00 (22.00, 74.00)	58.50 (41.50, 106.50)	0.022
INR , median (IQR)	1.20 (1.10, 1.30)	1.30 (1.15, 1.40)	0.12
PTT, median (IQR)	30.95 (27.30, 32.75)	36.70 (33.10, 70.10)	0.031
Bil total, median (IQR)	0.70 (0.60, 1.00)	0.90 (0.65, 1.80)	0.090
CK, median (IQR)	48.50 (40.00, 157.00)	99.00 (67.50, 383.50)	0.17
Na, mean (SD)	135.45 (5.39)	130.00 (30.89)	0.21
K , median (IQR)	4.10 (3.60, 4.70)	5.30 (3.60, 6.35)	0.008

Cl, median (IQR)	103.00 (98.00, 108.00)	107.50 (91.00, 113.50)	0.75
D-Dimer, median (IQR)	1.02 (0.63, 1.74)	5.93 (2.65, 11.79)	<0.001
PRO-BNP, median (IQR)	467.00 (131.00, 887.00)	788.50 (304.00, 17690.00)	0.56
Lipase, mean (SD)	263.14 (210.85)	4601.67 (4133.51)	0.016
TROPONIN, median (IQR)	0.01 (0.01, 0.01)	0.03 (0.01, 0.16)	0.003
pH, mean (SD)	7.40 (0.10)	7.27 (0.19)	0.036
PO2, median (IQR)	55.30 (27.90, 64.20)	59.90 (46.80, 77.80)	0.38
PCO2, median (IQR)	37.90 (32.20, 39.60)	39.30 (28.60, 59.30)	0.47
Sex			0.42
F	28 (45.2%)	7 (35.0%)	
M	34 (54.8%)	13 (65.0%)	
Pregnancy	2 (3.2%)	0 (0.0%)	0.42
Current smokers	3 (4.8%)	1 (5.0%)	0.98
Drug use	2 (3.2%)	1 (5.0%)	0.71
IVDU	1 (1.6%)	0 (0.0%)	0.57
Alcoholic	2 (3.3%)	1 (5.0%)	0.72
Recent travel to infected region	17 (27.4%)	6 (30.0%)	0.82
Recent contact with COVID-19 + case	12 (19.4%)	5 (25.0%)	0.59
Duration between exposure and symptoms if known			0.72
0	60 (96.8%)	20 (100.0%)	
2	1 (1.6%)	0 (0.0%)	
7	1 (1.6%)	0 (0.0%)	
Any positive family member/roommate	14 (22.6%)	2 (10.0%)	0.22
Any episode of fever	43 (69.4%)	17 (85.0%)	0.17
What was the first started symptom?			0.45
AMS	1 (1.6%)	0 (0.0%)	
Anosmia	1 (1.6%)	0 (0.0%)	
Cough	1 (1.6%)	0 (0.0%)	
Hypoxia	1 (1.6%)	0 (0.0%)	
SOB	2 (3.2%)	1 (5.0%)	
Shortness of breath	4 (6.5%)	3 (15.0%)	
abdominal pain	0 (0.0%)	1 (5.0%)	
anosmia and ageusia	1 (1.6%)	0 (0.0%)	

body aches	1 (1.6%)	0 (0.0%)	
coffee-ground			
emesis	1 (1.6%)	0 (0.0%)	
cough	14 (22.6%)	2 (10.0%)	
cough & headache	1 (1.6%)	0 (0.0%)	
cough and SOB	1 (1.6%)	0 (0.0%)	
cough and fever	0 (0.0%)	1 (5.0%)	
cough or fever	1 (1.6%)	0 (0.0%)	
diarrhea	1 (1.6%)	0 (0.0%)	
dry cough	1 (1.6%)	0 (0.0%)	
epigastric pain	1 (1.6%)	0 (0.0%)	
fatigue	2 (3.2%)	0 (0.0%)	
fatigue/weakness	1 (1.6%)	0 (0.0%)	
fever	3 (4.8%)	1 (5.0%)	
itchy throat	1 (1.6%)	0 (0.0%)	
left-sided			
weakness	0 (0.0%)	1 (5.0%)	
loss of taste and			
smell	1 (1.6%)	0 (0.0%)	
nasal congestion	0 (0.0%)	1 (5.0%)	
productive cough	1 (1.6%)	0 (0.0%)	
sore throat	1 (1.6%)	0 (0.0%)	
throat pain	1 (1.6%)	0 (0.0%)	
weakness	0 (0.0%)	1 (5.0%)	
weakness/fatigue	0 (0.0%)	1 (5.0%)	
	18 (29.0%)	7 (35.0%)	
N_symptoms, mean			
(SD)	4.94 (2.90)	3.90 (2.86)	0.17
Conjunctival			
congestion			
0	62 (100.0%)	20 (100.0%)	
Nasal congestion	10 (16.1%)	2 (10.0%)	0.50
Rhinorrhea	1 (1.6%)	2 (10.0%)	0.082
Headache	21 (34.4%)	5 (25.0%)	0.43
Cough	42 (67.7%)	13 (65.0%)	0.82
Sore throat	15 (24.2%)	3 (15.0%)	0.39
Sputum production	9 (14.5%)	2 (10.0%)	0.61
Fatigue	26 (41.9%)	11 (55.0%)	0.31
Hemoptysis	1 (1.6%)	0 (0.0%)	0.57
Shortness of breath	41 (66.1%)	14 (70.0%)	0.75
chest pain	21 (33.9%)	3 (15.0%)	0.11
chest discomfort	11 (17.7%)	1 (5.0%)	0.16
abdominal pain	6 (9.7%)	2 (10.0%)	0.97
Nausea or vomiting	23 (37.1%)	4 (20.0%)	0.16
Diarrhea	15 (24.6%)	5 (25.0%)	0.97
Myalgia or arthralgia	26 (41.9%)	4 (20.0%)	0.077

Chill	23 (37.1%)	4 (20.0%)	0.16
loss of taste	8 (12.9%)	1 (5.0%)	0.33
loss of smell	7 (11.3%)	2 (10.0%)	0.87
N_signs, mean (SD)	0.45 (0.64)	0.60 (0.68)	0.38
N_signs			0.59
0	39 (62.9%)	10 (50.0%)	
1	18 (29.0%)	8 (40.0%)	
2	5 (8.1%)	2 (10.0%)	
Throat congestion	3 (4.8%)	0 (0.0%)	0.32
Tonsil swelling	3 (4.8%)	1 (5.0%)	0.98
Rash	2 (3.2%)	1 (5.0%)	0.71
Abnormal lung sounds	18 (30.0%)	9 (45.0%)	0.22
N_chronic, mean (SD)	1.16 (1.23)	2.20 (1.24)	0.002
N_chronic			0.040
0	25 (40.3%)	2 (10.0%)	
1	14 (22.6%)	2 (10.0%)	
2	15 (24.2%)	10 (50.0%)	
3	5 (8.1%)	3 (15.0%)	
4	2 (3.2%)	2 (10.0%)	
5	1 (1.6%)	1 (5.0%)	
N_chronic1			0.010
0	25 (40.3%)	2 (10.0%)	
1	14 (22.6%)	2 (10.0%)	
2	15 (24.2%)	10 (50.0%)	
33	8 (12.9%)	6 (30.0%)	
COPD	1 (1.6%)	1 (5.0%)	0.39
DM	17 (27.4%)	15 (75.0%)	<0.001
HTN	27 (43.5%)	13 (65.0%)	0.095
Coronary artery disease	4 (6.5%)	4 (20.0%)	0.076
Cerebrovascular disease	3 (4.8%)	3 (15.0%)	0.13
Cancer	1 (1.6%)	0 (0.0%)	0.57
CKD	4 (6.5%)	3 (15.0%)	0.23
Cirrhosis	1 (1.6%)	0 (0.0%)	0.57
Asthma	3 (4.8%)	1 (5.0%)	0.98
Rheumatological	1 (1.6%)	0 (0.0%)	0.57
IBD	0 (0.0%)	1 (5.0%)	0.076
HIV+	0 (0.0%)	1 (5.0%)	0.076
Hepatitis	2 (3.2%)	0 (0.0%)	0.42
Hypothyroidism	8 (13.1%)	2 (10.0%)	0.71
Hyperthyroidism			
0	61 (98.4%)	20 (100.0%)	
	1 (1.6%)	0 (0.0%)	

Ground-glass opacities			0.031
0	26 (41.9%)	5 (25.0%)	
1	27 (43.5%)	15 (75.0%)	
99	9 (14.5%)	0 (0.0%)	
Local patchy shadowing			0.17
0	30 (48.4%)	10 (50.0%)	
1	23 (37.1%)	10 (50.0%)	
99	9 (14.5%)	0 (0.0%)	
Diffuse patchy shadowing			<0.001
0	40 (64.5%)	4 (20.0%)	
1	13 (21.0%)	16 (80.0%)	
99	9 (14.5%)	0 (0.0%)	
Pleural effusion			<0.001
0	47 (75.8%)	8 (40.0%)	
1	6 (9.7%)	12 (60.0%)	
99	9 (14.5%)	0 (0.0%)	
Interstitial abnormalities			0.002
0	35 (56.5%)	4 (20.0%)	
0?	1 (1.6%)	0 (0.0%)	
1	15 (24.2%)	15 (75.0%)	
?? Looks like it but not mentioned	1 (1.6%)	0 (0.0%)	
na	10 (16.1%)	1 (5.0%)	
CT_Ground-glass opacities			0.48
1	11 (17.7%)	5 (25.0%)	
na	51 (82.3%)	15 (75.0%)	
CT_Local patchy shadowing			0.83
0	4 (6.5%)	2 (10.0%)	
1	5 (8.1%)	2 (10.0%)	
na	53 (85.5%)	16 (80.0%)	
CT_Diffuse patchy shadowing			0.14
0	6 (9.7%)	1 (5.0%)	
1	2 (3.2%)	3 (15.0%)	
na	54 (87.1%)	16 (80.0%)	
CT_Pleural effusion			0.18
0	6 (9.7%)	1 (5.0%)	
1	4 (6.5%)	4 (20.0%)	
na	52 (83.9%)	15 (75.0%)	
CT_Interstitial abnormalities			0.34

0	5 (8.1%)	2 (10.0%)	
1	5 (8.1%)	2 (10.0%)	
60	0 (0.0%)	1 (5.0%)	
na	52 (83.9%)	15 (75.0%)	
N_med, mean (SD)	2.26 (2.09)	3.20 (2.21)	0.088
N_med			0.062
0	16 (25.8%)	1 (5.0%)	
1	15 (24.2%)	2 (10.0%)	
2	6 (9.7%)	7 (35.0%)	
3	4 (6.5%)	2 (10.0%)	
4	11 (17.7%)	4 (20.0%)	
5	5 (8.1%)	2 (10.0%)	
6	3 (4.8%)	1 (5.0%)	
7	2 (3.2%)	0 (0.0%)	
10	0 (0.0%)	1 (5.0%)	
N_med1			0.048
0	16 (25.8%)	1 (5.0%)	
1	15 (24.2%)	2 (10.0%)	
2	6 (9.7%)	7 (35.0%)	
3	4 (6.5%)	2 (10.0%)	
4	11 (17.7%)	4 (20.0%)	
55	10 (16.1%)	4 (20.0%)	
Remdesivir	1 (1.6%)	3 (15.0%)	0.016
Hydroxychloroquine	9 (14.5%)	6 (30.0%)	0.12
azithromycin	41 (66.1%)	13 (65.0%)	0.93
Statin	15 (24.2%)	9 (45.0%)	0.075
Corticosteroid	18 (29.0%)	7 (35.0%)	0.61
ACEi/ARB	8 (12.9%)	2 (10.0%)	0.73
Vit C	21 (33.9%)	3 (15.0%)	0.11
Zinc	18 (29.0%)	3 (15.0%)	0.21
Vitamin D	9 (14.5%)	5 (25.0%)	0.28
Vasopressors	0 (0.0%)	9 (45.0%)	<0.001
Tocilizumab	0 (0.0%)	2 (10.0%)	0.012
convalescent plasma	0 (0.0%)	2 (10.0%)	0.012

SD: standard
deviation;
IQR: inter-quartile
range