

Supplementary Table S1. Initial vital sign, laboratory findings, and treatment of COVID-19

Variable	Underweight (n=59)	Normal (n=541)	Overweight (n=389)	Obese (n=110)
Vital sign				
SBP, mmHg	130.7±24.6	130.9±22.9	133.2±23.2	131.9±23.0
DBP, mmHg	74.8±14.5	75.0±15.3	76.6±13.2	76.7±13.9
HR, beat/min	67.1±32.0	71.8±45.2	68.1±28.9	75.9±25.1
RR, breath/min	23.5±5.4	23.1±5.9	23.1±6.0	24.3±6.4
BT, °C	42.5±43.5*	36.9±1.0	37.0±0.8	37.1±0.9
Laboratory finding				
WBC, ×1,000 μ/L	267.4±1,192.2	153.8±1,269.7	280.3±1,339.9	282.8±1,439.2
Hb, g/dL	11.7±1.8*	12.9±2.2	13.3±2.1	13.5±1.9
Platelet (×10 ³) [§]	180 (105–229)	185 (130–239)	190 (144–248.8)	201 (142.5–240.3)
BUN, mg/dL	25.6±18.2	24.2±17.7	22.3±15.3	20.7±14.3
Creatinine, mg/dL	1.2±1.4	1.1±1.1	1.2±1.7	1.0±1.3
Albumin, g/dL	3.0±0.7	3.2±0.6	3.4±0.6 [†]	3.4±0.5 [‡]
Bilirubin, mg/dL	0.7±0.5	0.8±3.6	0.7±0.6	0.6±0.3
Fibrinogen, mg/dL	359.9±239.1	373.0±250.0	360.8±275.6	405.3±269.6
D-dimer, μg/mL [§]	1.9 (0.6–11.8)	1.3 (0.6–5.1)	1.2 (0.5–5.1)	1.0 (0.6–3.2)
Ferritin, ng/mL	564.7±935.6	933.7±4,803.7	664.6±886.7	732.7±1,021.0
CRP, mg/dL	13.9±19.3	24.7±54.4	25.8±93.0	19.9±41.0
PH	7.4±0.1	7.1±1.4	7.0±1.8	6.9±1.9
PF ratio	189.6±126.7	442.8±2,337.4	636.0±3,172.3	756.0±3,674.7
PaCO ₂ , mmHg	33.9±8.7	33.0±10.4	32.3±11.1	32.9±10.5
Treatment of COVID-19				
Remdesivir	36 (61.0)	399 (73.8)	297 (76.3)	82 (74.5)
Dexamethasone	50 (84.7)	520 (96.1)	364 (93.6)	106 (96.4)
Tocilizumab	4 (6.8)	43 (7.9)	35 (9.0)	12 (10.9)
IVIg	1 (1.7)	15 (2.8)	15 (3.9)	4 (3.6)
Antithrombin III	0	8 (1.5)	3 (0.8)	2 (1.8)

Values are presented as mean±standard deviation, median (interquartile range), or number (%).

Underweight vs. normal: *p<0.001. Normal vs. overweight: [†]p<0.01. Normal vs. obese: [‡]p<0.05. [§]Mann-Whitney U test. ^{||}p<0.01.

COVID-19: coronavirus disease-2019; SBP: systolic blood pressure; DBP: diastolic blood pressure; HR: heart rate; RR: respiratory rate; BT: body temperature; WBC: white blood cell; Hb: hemoglobin; BUN: blood urea nitrogen; CRP: C-reactive protein; PF: PaO₂/FiO₂; IVIG: intravenous immunoglobulin.