

Supplementary material

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Table S1 Comparison of baseline characteristics of patients with moderate and severe course of COVID-19

Median parameter IQR Mean (SD)	Moderate group N=38	Severe group N=42	P value
Sex n female/n male	19/19	18/24	0.52
Age [years]	64.50 IQR (55.50; 71.50)	68.00 IQR(61.25 ; 74.25)	0.13
CRP [mg/l]	22.85 IQR (10.34 ; 54.84)	91.44 IQR (68.76 ; 156.7)	<0.001
IL-6 [mg/l]	23.7 IQR (7.68 ; 43.99)	85.40 IQR (38.80 ; 143.3)	<0.001
Ferritin [ng/dl]	428.5 IQR (217.5 ; 790.3)	886.5 IQR (636.0 ; 1683)	<0.001
PCT [ng/ml]	0.08 IQR (0.06 ; 0.12)	0.135 IQR (0.09 ; 0.24)	<0.001
WBC [$10^3\mu\text{l}$]	5350 IQR (4325 ; 6700)	6950 IQR (5175; 8725)	0.01
Neutrophil [$10^3\mu\text{l}$]	3750 IQR (2775 ; 4700)	5800 IQR (4300 ; 7125)	<0.001
Lymphocyte [$10^3\mu\text{l}$]	1000 IQR (675.0 ; 1500)	700.0 IQR (400.0 ; 800.0)	<0.001
D-Dimer [$\mu\text{gFEU/l}$]	575.5 IQR (330.3 ; 1081)	1224 IQR (888.5 ; 1762)	<0.001

The highest D-Dimer [µgFEU/l]	686.5 IQR (393.5 ; 1340)	2010 IQR (1145; 5779)	<0.001
APTT [seconds]	33.20 IQR (29.78 ; 39.60)	34.35 IQR (29.18 ; 39.83)	0.85
PT [seconds]	13.70 IQR (12.68 ; 14.48)	13.30 IQR (12.50; 13.98)	0.29
INR	1.050 IQR (1.000; 1.1145)	1.090 IQR (1.040; 1.188)	0.30
Fibrinogen [mg/dl]	416.5 IQR (354.5 ; 562.5)	577.0 IQR (496.0; 701.0)	<0.001
PLT [/mm ³]	176500 IQR (144000 ; 222500)	199500 IQR (146000; 242000)	0.33
Creatinin [mg/dl]	0.9050 IQR (0.7175 ; 1.125)	0.9800 IQR (0.8850; 1.240)	0.04
GFR [ml/(min×1.73 m ²)]	82.10(29)	68.30(19)	0.01
GFR <60	11/42 26.2%	8/38 21.1%	0.54
Saturation [%]	97.00 IQR (94.00 ; 98.00)	90.00 IQR (83.5; 95.00)	<0.001
Lungs involvement [%]	10.00 IQR (5.000 ; 17.50)	40.00 IQR (30.00 ; 60.00)	<0.001

IQR – interquartile range (1 quartile ; 3 quartile), SD (standard deviation), APTT, Activated partial thromboplastin time; CRP, C-reactive protein; GFR, Glomerular filtration rate; The GFR (glomerular filtration rate) was estimated with the use of MDRD equation: $GFR (mL/min/1.73 m^2) = 175 \times (Scr)^{-1.154} \times (Age)^{-0.203} \times (0.742 \text{ if female}) \times (1.212 \text{ if African American})$. INR, International normalised ratio; PCT, Procalcitonin; PLT, Platelet; PT, Prothrombin time; WBC, White blood cells.