SUPPLEMENTAL MATERIAL

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**COVID-19 in the Healthy Patient Population: Demographic and Clinical** 

Phenotypic Characterization and Predictors of In-Hospital Outcomes

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**Supplementary table 1:** Demographic, Clinical, and laboratory characterization of all patients admitted with COVID-19 during the study period

D-19 during the study period	All patients		
	(n=1207)		
Age, years	61.9±15.7		
Gender (females), n(%)	470(39)		
Body mass index, kg/m <sup>2</sup>	30±7.2		
Hypertension, n(%)	734(61)		
Diabetes millitus, n(%)	549(45)		
Smoking, n(%)	306(25)		
Human immunodeficiency virus infection, n(%)	79(7)		
Asthma, n(%)	154(13)		
Chronic obstructive pulmonary disease, n(%)	119(10)		
Chronic liver disease, n(%)	7 (0.5)		
Hepatitis B virus infection, n(%)	4(0.3)		
Hepatitis C virus infection, n(%)	50(4)		
Congestive heart failure, n(%)	117(10)		
Coronary artery disease, n(%)	125(10)		
Chronic kidney disease, n(%)	98(8)		
End stage renal disease, n(%)	82(7)		
Fever, n(%)	784(65)		
Cough , n(%)	795(66)		
Shortness of breath, n(%)	827(69)		
Myalgia , n(%)	363(30)		
Chest discomfort, n(%)	149(12)		
Atypical Symptoms, n(%)	411(34)		
Time from symptoms to hospital presentation , days	5.8±5.5		
Length of hospital stay, days	8±7		
Hemoglobin (g/dL)	13±2.2		
Platelets, (10 <sup>3</sup> /uL)	220.8±102.6		
White cell count (10³/uL)	8.6±6.9		
Neutrophils (10 <sup>3</sup> /uL)	6.8±4		
Lymphocytes (10³/uL)	1.24±5.3		
D-Dimer (ng/ml)	3080±9847		
Lactate dehydrogenase (units/L)	582±393		
High sensitivity C-reactive protein (mg/L)	142±112		
Ferritin (mg/ml)	1153±11597		
Lactate (mmol/L)	2.3±1.9		
PT (seconds)	14±10.5		
PTT (seconds)	32.2±7.8		
Cratinin (mg/dL)	1.96±2.6		
Alanine aminotransferase (units/L)	44.±69		
Aspartate aminotransferase (units/L)	71.1±115		
Alkaline phosphatase (units/L)	95±89		
Total bilirubin (g/dL)	0.62±0.73		
Combined bilirubin (g/dL)	0.02±0.75 0.27±0.46		
Total protein, (g/dL)	7±0.8		
Serum albumin, (g/dL)	3.6±0.6		
Pro-calcitonin, (ng/ml)			
	2.6±10.2		
Hydroxychloroquine, n (%)	918(76)		
Tocilizumab, n (%)	80(7)		
Need for mechanical ventilation, n (%)	485(40)		
Mortality, n (%)	418(35)		

**Supplementary table 2:** Patients with abnormal laboratory values overall in in the subgroups

, , , , ,	Normal	All Patients	Age≤55	Age>55	p-value
	range	(n=157)	(n=80)	(n=77)	χ²
Hemoglobin (g/dL)	(12-15)	52(33%)*	26 (33%,)	26 (34%)	0.721
Platelets, (103/uL)	(150-450)	31(20%)**	20 (25%,)	11 (14%)	0.292
White cell count (103/uL)	(4-10)	54(34%)***	26 (33%)	28 (36%)	0.343
Neutrophils (103/uL)	(1.5-8)	50(32%)****	25 (31%)	25 (32%)	0.260
Lymphocytes (103/uL)	(0.5-5)	34(22%,0.42±0.09)\$	13 (16%)	21 (27%)	0.042
Prothrombin time (seconds)	≤13.5	56(36%, 15±1.4)	25 (31%)	31 (40%)	0.166
Activated Partial thromboplastin time (seconds)	≤36	22(14%, 41±7.2)	14 17(%)	8 (10%)	0.365
Creatinine (mg/dL)	≤1.1	49(31%, 1.52±0.7)	20(25%)	29 (38%)	0.037
Alanine transaminase (units/L)	≤56	39(25%, 102±48)	22 (28%)	17 (22%)	0.313
Aspartate transaminase (units/L)	≤40	84 (54%, 85±61)	37 (46%)	47 (61%)	0.06
Alkaline phosphatase (units/L)	≤140	14(9%, 228±159)	7 (9%)	7 (9%)	0.976

<sup>\*16</sup> patients were anemic (10.6 $\pm$ 1), and 36 patients had erythrocytosis (16.2 $\pm$ 1.2)

<sup>\*\*27</sup> patients had thrombocytopenia (116±30.8), and 4 patients had thrombocytosis (576±73, values were 523, 543, 554, 684) \*\*\*43 patients had leukocytosis (13.3±3) and 11 patients had lymphopenia (3.1±0.7) \*\*\*48 patients had neutrophilia (11.4±2.9), and 2 patients had neutropenia and the values were 0.5 and 1.4

<sup>\$</sup> all patients had lymphopenia