

Supplementary Table 1 Demographic and laboratory features of the study cohort

Variable	Number	percent
Age in years ¹		45.04 ± 17.61
< 18 years	20	3.7
18 : 60 years	411	75.1
> 60 years	116	21.2
Body mass index ¹		27.99 ± 4.86
Male	300	54.84
Female	246	44.97
Cigarette Smoking	21	3.84
Asymptomatic	118	21.57
Symptomatic	429	78.43
Fever	299	54.66
Headache	158	28.88
Fatigue	168	30.71
Anorexia	25	4.57
Dry cough	287	52.47
Dyspnea	178	32.54
Productive cough	14	2.56
Diarrhea	52	9.51
Nausea	11	2.01
Vomiting	17	3.11
Abdominal pain	21	3.84
Weight loss	2	0.37
Arthralgia	32	5.85
Sore throat	88	16.09
Loss of Taste	30	5.48
Loss of Smell	35	6.40
Other symptoms	3	0.55
Comorbidities		
Diabetes mellitus	136	24.86
Hypertension	130	23.77
Chronic hepatitis C	14	2.56
Chronic hepatitis B	2	0.37
Non-alcoholic Fatty liver disease	2	0.37
HCV-related Liver Cirrhosis	7	1.28

Chronic obstructive pulmonary disease	5	0.91
Bronchial asthma	9	1.65
Coronary artery disease	23	4.20
Chronic renal insufficiency	10	1.83
Heart failure	3	0.55
Cardiac arrhythmias	1	0.18
Dyslipidemia	3	0.55
Thyroid disorders	10	1.83
Laboratory characteristics median(IQR)		
Hemoglobin (gm/L)	12.60 (12.00 : 13.90)	
white blood cell count (x10 ⁹)	5.00 (4.40 : 7.60)	
Neutrophils absolute count	2.95 (1.70 : 5.60)	
Neutrophils percentage	56.50 (42.63 : 70.75)	
Lymphocytes absolute count	1.58 (1.10 : 2.20)	
Lymphocytes percentages	32.70 (20.15 : 45.00)	
Neutrophils/ lymphocytes ratio	3.11 (1.56 : 6.16)	
Platelet Count	208.00 (184.00 : 272.00)	
AST	28.00 (19.00 : 43.00)	
ALT	27.00 (18.00 : 46.00)	
Alkaline phosphatase	89.00 (71.00 : 114.50)	
GGT	34.00 (22.00 : 50.00)	
Total bilirubin	0.80 (0.60 : 1.13)	
Serum albumin	4.20 (3.80 : 4.50)	
fibrosis-4 (FIB-4) score	1.02 (0.56 : 1.84)	
urea	19.00 (6.20 : 32.00)	
Serum creatinine	1.00 (0.71 : 1.10)	
Estimated Glomerular filtration rate	87.63 (67.30 : 106.93)	
D-dimer	0.58 (0.40 : 1.10)	
Ferritin	300.00 (132.80 : 590.00)	
C-reactive protein	45.00 (8.25 : 64.00)	

¹Data are presented as mean± Standard deviation

Supplementary Table 2 Chest imaging, COVID-19 disease classification, treatment and outcome

CT chest		
Normal	198	36.73
Abnormal	341	63.27
CT chest: unilateral or bilateral		
Unilateral	84	24.78
Bilateral	255	75.22
CT chest: Ground glass opacities	304	56.72
CT chest: Consolidation	69	12.95
COVID-10 Classification at diagnosis		
Mild	250	45.60
Moderate	177	32.42
Sever	59	10.81
Critical	61	11.17
ICU stay		
Yes	122	22.34
No	424	77.66
Treatment		
Steroids	146	26.69
Lactoferrin	46	8.41
Hydroxyl-chloroquine	138	25.23
Chloroquine phosphate	314	57.40
Vitamin C	341	62.34
Azithromycin	123	22.49
Other Antibiotics	193	35.28
S.C heparin preparations	223	40.77
Oral anticoagulants	33	6.03
OUTCOME		
Recovery	493	90.12
Died	53	9.68
discharged upon request	1	0.18

Supplementary Table 3 Comparison of liver enzymes and FIB-4 according to COVID-19 disease severity and ICU admission

	Variable Number (percent)	ICU admission			P value		
		Yes (101 patients)	No (323 patients)	total			
AST	Normal	52 (17.9)	239 (82.1)	291 (100.0)	<0.001		
	1 -2 UNL	30 (30.6)	68 (69.4)	98 (100.0)			
	2 - 3 UNL	8 (44.4)	10 (55.6)	18 (100.0)			
	>3 UNL	11 (52.4)	10 (47.6)	21 (100.0)			
ALT	Normal	65 (20.4)	253 (79.6)	318 (100.0)	<0.001		
	1 -2 UNL	25 (34.2)	48 (65.8)	73 (100.0)			
	2 - 3 UNL	7 (30.4)	16 (69.6)	23 (100.0)			
	>3 UNL	6 (37.5)	10 (62.5)	16 (100.0)			
FIB-4	< 1.45	43 (42.57)	238 (73.68)	281 (100.0)	<0.001		
	1.45 : 3.25	40 (39.60)	66 (20.43)	106 (100.0)			
	> 3.25	18 (17.82)	19 (5.88)	37 (100.0)			
COVID-19 disease classification							
		Mild	Moderate	Severe	Critical	Total	
AST	Normal	142 (81.6)	113 (72.9)	34 (69.4)	29 (55.8)	318 (74.0)	<0.001
	1 -2 UNL	20 (11.5)	28 (18.1)	9 (18.4)	16 (30.8)	73 (17.0)	
	2 - 3 UNL	10 (5.7)	6 (3.9)	3 (6.1)	4 (7.7)	23 (5.3)	
	>3 UNL	2 (1.1)	8 (5.2)	3 (6.1)	3 (5.8)	16 (3.7)	
ALT	Normal	141 (81.0)	100 (64.5)	30 (63.8)	20 (38.5)	291 (68.0)	<0.001
	1 -2 UNL	28 (16.1)	40 (25.8)	11 (23.4)	19 (36.5)	98 (22.9)	
	2 - 3 UNL	1 (0.6)	9 (5.8)	2 (4.3)	6 (11.5)	18 (4.2)	
	>3 UNL	4 (2.3)	6 (3.9)	4 (8.5)	7 (13.5)	21 (4.9)	
FIB-4	< 1.45	146 (52.0)	94 (33.5)	20 (7.1)	21 (7.5)	281 (100.0)	<0.001
	1.45 : 3.25	23 (21.7)	43 (40.6)	20 (18.9)	20 (18.9)	106 (100.0)	
	> 3.25	1 (2.7)	18 (48.6)	7 (18.9)	11 (29.7)	37 (100.0)	

Supplementary Table 4 Comparison between laboratory results on admission and on discharge

Laboratory characteristics¹	Baseline labs median(IQR)	Follow up labs median(IQR)	P value
Hemoglobin (gm/L)	12.60 (12.00 : 13.90)	12.80 (11.80 : 13.90)	0.003
Neutrophils absolute count	2.95 (1.70 : 5.60)	7.70 (4.99 : 15.43)	< 0.001
Neutrophils percentage	56.50 (42.63 : 70.75)	4.21 (2.42 : 12.08)	0.66
Lymphocytes absolute count	1.58 (1.10 : 2.20)	38.05 (23.23 : 50.60)	< 0.001
Lymphocytes percentages	32.70 (20.15 : 45.00)	2.32 (1.60 : 3.75)	< 0.001
AST	28.00 (19.00 : 43.00)	32.0 (22.00 : 58.50)	0.02
ALT	27.00 (18.00 : 46.00)	60.0 (38.25 : 81.85)	< 0.001
Alkaline phosphatase	89.00 (71.00 : 114.50)	87.0 (67.25 : 94.50)	0.12
GGT	34.00 (22.00 : 50.00)	24.0 (21.00 : 33.50)	0.002
Total bilirubin	0.80 (0.60 : 1.13)	0.9 (0.80 : 1.20)	0.001
Serum albumin	4.20 (3.80 : 4.50)	4.5 (4.20 : 4.60)	0.03
urea	19.00 (6.20 : 32.00)	23.0 (21.00 : 26.00)	0.26
Serum creatinine	1.00 (0.71 : 1.10)	0.9 (0.70 : 1.10)	0.13
D-dimer	0.58 (0.40 : 1.10)	0.9 (0.70 : 0.95)	0.18
Ferritin	300.00 (132.80 : 590.00)	125.00 (55.00 : 320.00)	< 0.001
C-reactive protein	45.00 (8.25 : 64.00)	5.00 (2.00 : 8.00)	< 0.001
LDH	218.00 (174.00 : 314.00)	178.00 (148.50 : 231.50)	0.005