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# Clinical and immunological assessment of asymptomatic SARS-CoV-2 infections

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## Supplementary information

**Supplementary Table 1. Clinical characteristics of asymptomatic cases and symptomatic cases recruited in this study.**

	Asymptomatic (N=37)	Symptomatic (N=37)	<i>p</i> value
Age (median, IQR)	41 (27-50)	41 (23-50)	0.729
Sex			
Female	22 (59.5%)	18 (48.6%)	0.484
Male	15 (40.5%)	19 (51.4%)	
Exposure			
From Wuhan	15 (40.5%)	9 (24.3%)	0.214
close contacts	22 (59.5%)	28 (75.7%)	
<b>Comorbidities</b>			
Any	9 (24.3%)	13 (35.1%)	0.445
Hypertension	7 (13.5%)	7 (18.9%)	1.000
Cardiovascular disease	0 (0.0%)	2 (5.4%)	0.473
Diabetes	1 (2.7%)	4 (10.8%)	0.354
Chronic kidney disease	0 (0.0%)	1 (2.7%)	1.000
Chronic liver disease	2 (5.4%)	2 (5.4%)	1.000
Tuberculosis	0 (0.0%)	1 (2.7%)	1.000

Unpaired, Two sided Mann-Whitney U test was performed to compare continuous characteristics, and Fisher's exact test was performed to compare categorical characteristics between groups.

**Supplementary Table 2. Clinical information of asymptomatic cases recruited in this study.**

Characteristics	Asymptomatic (N=37)
Age (median, IQR)	41 (27-50)
Sex (Male/Female)	
Male	15 (40.5%)
Female	22 (59.5%)
Exposure	
From Wuhan	9 (24.3%)
Close contacts	28 (75.7%)
Liver Function	
Normal	25 (67.6%)
Abnormal	12 (32.4%)
Duration of viral shedding (median, IQR)	19 (15-26)
Physical examination	
Body temperature	36.5 (36.5-36.6)
Heart rate, median (IQR), bpm	82 (78-90.2)
Respiratory rate, median (IQR)	20 (19.2-20)
Mean arterial pressure, median (IQR), mm Hg	94.8 (86.8-106.6)
Comorbidities	
Hypertension	7 (18.9%)
Blood routine	
Whiteblood count, $\times 10^9$ /L, normal range 3.5-9.5	5.8 (5.5-7.2)
Neutrophil count, $\times 10^9$ /L, normal range 1.8-6.3	3.8 (3.1-4.9)
Lymphocyte count, $\times 10^9$ /L, normal range 1.1-3.2	1.7 (1.4-2.1)
Monocyte count, $\times 10^9$ /L, normal range 0.1-0.6	0.3 (0.3-0.4)
Platelet count, $\times 10^9$ /L, normal range 125-350	211.5 (171-248.2)
Hemoglobin, g/L, normal range 115-150	130 (122.8-148.8)
Coagulation function	
Prothrombin time, s, normal range 11.5-14	13 (12.8-13.5)
Activated partial thromboplastin time, s, normal range 28-44	37.5 (35.3-39.5)
D-dimer, mg/L, normal range <0.5	0.4 (0.4-0.5)
Blood biochemistry	
Albumin, g/L, normal range 40-55	43.8 (42.2-44.7)
Alanine aminotransferase, U/L, normal range 7-40	15 (10-28)
Aspartate aminotransferase, U/L, normal range 13-35	17.5 (15-23)
Total bilirubin, $\mu\text{mol/L}$ , normal range 0-21	14.6 (10.7-21.6)
Blood urea nitrogen, mmol/L, normal range 1.7-8.3	3.5 (3.1-4.2)
Creatinine, $\mu\text{mol/L}$ , normal range 40-80	60.2 (56.6-68.8)
Creatine kinase, U/L, normal range 26-140	52 (46-88)
Lactate dehydrogenase, U/L, normal range 114-240	153.5 (129.8-184.5)
Infection-related biomarkers	
Procalcitonin, ng/ml, normal range <0.05	0.02 (0.02-0.04)

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Serum ferritin, $\mu\text{mol/L}$ , normal range 7-30	22.3 (15.7-28.6)
CRP, mg/L, normal range <10	1.5 (1.1-3.3)
Hypersensitive troponinI, ng/ml, <0.01	0.005 (0.004-0.006)

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CRP, C-Reactive Protein

Continuous variables were expressed as the median (interquartile range, IQR). Categorical variables were expressed as numbers (%).