

Tables

Table 1.Demographics and characteristics of patient's pre-diagnosis with COVID-19 (N=3334)

Characteristics	N (Rate)
Sex	
Male	1850(55.5)
Female	1484(44.5)
Age(years)	
<18	62 (1.9)
19-30	917 (27.5)
31-50	1158(34.7)
51-64	538 (16.1)
65<	659 (19.8)
Comorbidity	
Hypertension	424(12.7)
Diabetes mellitus	250(7.5)
Cardiovascular disease	111(3.3)
Chronic respiratory disease	236(7.1)
Chronic Kidney disease	26(0.8)
Malignancy	22(0.7)
Cerebrovascular Disease	7(0.2)
Pregnancy	5(0.1)
Other diseases*	56(1.7)
Smoking Patients	936(28.1)
* Other diseases: Chronic rheumatic diseases, epilepsy, thyroid diseases, liver diseases	

Table 2. Clinical features of patients' pre-diagnosis with COVID-19 (N=3334)

Clinical features	N (Rate)
RT-PCR*	
Positive	326(9.8)
Negative	3008(90.2)
Chest CT** Scans	
Positive	546(16.4)
Normal	1784(53.5)

Other***	495(14.9)
Nothing	509(15.2)
Remained in hospital	
Yes	737(22.1)
No	2597(77.9)
Intensive Care	
Yes	75(2.2)
No	3259(97.8)
Transfer of patient	
Yes	79(2.4)
No	3255(97.6)
Survey	
Death	12(0.4)
Recovery	3322(99.6)
Signs and Symptoms	
Asymptomatic	1130(33.9)
Cough	759(22.8)
Shortness of breath	754(22.6)
Myalgia	371(11.1)
Fatigue	206(6.2)
Fever	207(6.2)
Sore throat	158(4.7)
Chest distress	142(4.3)
Other Symptoms	83(2.5)
Diarrhea/Nausea/ Vomiting	70(2.1)
Headache / dizziness	70(2.1)
Treatment	
Hydroxychloroquine sulfate	580(17.4)
Azithromycin	340(10.2)
Oseltamivir	127(3.8)
Favipravir	54(1.6)
Fluoroquinolone	36(1.1)
Enoxaparin sodium	137(4.1)
* CT: Computed tomography ** RT-PCR: Reverse transcriptase polymerase chain reaction *** Other: atelectasis, lobar consolidation, and parenchymal band formation	

Table 3. CT and RT-PCR rates (N=3334)

Test results		RT-PCR		Total N
		Negative N (Rate)	Positive N (Rate)	
CT	Chest			
	Positive N (Rate)	471(15.7)	75(23.0)	546(16.4)
	Others N (Rate)	2537(84.3)	251(77.0)	2788(83.6)
Total N		3008(100.0)	326(100.0)	3334(100.0)

Table 4. Comparison of laboratory findings between groups

Laboratory findings	CT+ RT-PCR+			CT+ RT-PCR-			CT- RT-PCR+			CT- RT-PCR-			P Value
	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	
Leucocytes (x10 ⁹ /l; normal range 4.5–10.5)	7.16	22.80	2.50	9.81	29.60	2.60	7.46	16.30	2.80	9.79	152.50	1.50	< 0.001
Hemoglobin (g/dl; normal range 12-17.4)	13.55	17.10	8.50	13.17	18.10	3.64	13.86	17.80	4.22	13.79	223.00	4.80	< 0.001
Platelets (x10 ⁹ /l; normal range 142-424)	231.46	556.00	81.00	359.05	373.00	66.00	233.11	399.00	3.85	826.02	367.00	1.40	< 0.001
Lymphocytes (x10 ⁹ /l; normal range 0.6–3.4)	1.80	3.70	0.30	2.14	16.80	0.20	2.09	8.30	0.40	2.20	29.10	0.20	0.017
Neutrophils (x10 ⁹ /l; normal range 2–6.9)	4.65	19.10	1.40	7.21	93.00	1.00	5.41	68.40	1.30	6.91	138.00	0.50	< 0.001
Na ⁺ (mmol; 136–146)	140.87	338.00	128.00	137.14	234.00	115.00	137.40	144.00	129.00	137.25	139.00	3.58	0.907
K ⁺ (mmol; 3.5-5.1)	4.18	7.01	3.10	5.25	4.90	2.67	4.02	5.55	3.22	4.32	5.50	2.89	0.038
Cl ⁻ (mmol; 101–109)	103.60	109.00	96.00	102.19	122.20	93.99	103.17	110.50	97.90	102.94	136.20	98.00	0.047
Glucose (mg/dl; normal range 74-106)	116.74	259.00	85.00	132.51	753.00	35.00	116.83	301.00	73.00	127.04	924.00	67.00	0.044
Serum creatinine (mg/dl; normal range 0.67-1.17)	0.89	1.82	0.53	1.61	3.90	0.24	0.81	1.77	0.40	1.36	1.80	0.10	0.015
Urea (mg/dl; normal range 17-43)	17.90	29.14	9.48	21.94	132.39	3.23	16.75	32.71	8.90	19.77	174.00	0.68	< 0.001

Aspartate aminotransferase (U/l; 5-50)	30.34	121.0 0	8.00	30.73	1203.0 0	3.61	30.01	253.00	11.00	35.06	8034.0 0	4.70	0.067
Alanine aminotransferase (U/l; 5-50)	26.53	145.0 0	7.00	24.70	788.00	3.00	29.46	235.00	7.00	27.12	2990.0 0	2.00	0.007
C-reactive protein (mg/l; 0–5)	29.54	219.2 1	0.37	40.70	395.10	0.11	15.42	100.59	0.34	31.39	403.22	0.07	< 0.001
D-Dimer (normal range; 0-0.55)	13.48	278.0 0	0.05	18.36	450.00	0.01	8.39	287.00	0.05	19.44	1420.0 0	0.01	0.047
Troponin (ng/ml; normal range 0-0.16)	0.12	0.66	0.10	0.21	13.85	0.10	0.10	0.13	0.10	0.16	25.00	0.10	0.360

Table 5. Comparison of age, hospitalization and survival between groups

Features		CT+ RT-PCR+	CT+ RT-PCR-	CT- RT-PCR+	CT- RT-PCR-	Total	
		(N=75)	(N=471)	(N=251)	(N=2537)	(N=3334)	
		N (Rate)	N (Rate)	N (Rate)	N (Rate)	N (Rate)	P Value
Age (Years)	<18	1 (1.3)	3 (0.6)	4 (1.6)	54 (2.1)	62 (1.9)	< 0.001
	19-30	3 (4.0)	50 (10.6)	113 (45.0)	751 (29.6)	917 (27.5)	
	31-50	27 (36.0)	138 (29.3)	80 (31.9)	913 (36.0)	1158 (34.7)	
	51-64	15 (20.0)	113 (24.0)	28 (11.2)	382 (15.1)	538 (16.1)	
	65<	29 (38.7)	167 (35.5)	26 (10.4)	437 (17.2)	659 (19.8)	
Hospitalized	No	20 (26.7)	233 (49.5)	136 (54.0)	2207 (87.0)	2596 (77.9)	< 0.001
	Yes	55 (73.3)	238 (50.5)	115 (46.0)	331 (13.0)	738 (22.1)	
Intensive Care	No	71 (94.7)	442 (93.8)	247 (98.4)	2499 (98.5)	3259 (97.8)	< 0.001
	Yes	4 (5.3)	29 (6.2)	4 (1.6)	38 (1.5)	75 (2.2)	
Death	No	75 (100.0)	466 (98.9)	249 (99.2)	2528 (99.8)	3322 (99.6)	< 0.001
	Yes	0 (0.0)	5 (1.1)	2 (0.8)	5 (0.2)	12 (0.4)	

