Table1: Comparison of the frequency distribution of demographical, clinical, and radiographical characteristics of patients with suspected COVID-19 based on the HRCT result (n=83).

Characteristics	Total	HRCT		P
		Negative	Positive	
Gender				
Female	37 (44.60)	15 (48.40)	22 (42.30)	0.59
Male	46 (55.40)	16 (51.60)	30 (57.70)	
Age				
Mean $\pm$SD	58.12$\pm$17.19	58.13$\pm$18.26	58.12$\pm$16.70	0.73
$\leq 50\ y$	25(30.10)	9(29.00)	16(30.80)	0.86
¿50 y	58(69.90)	22(71.00)	36(69.20)	
Fever				
No	4(10.80)	1(12.50)	3(10.30)	0.99
Yes	33(89.20)	7(87.50)	26(89.70)	
Cough				
No	4(8.00)	1(8.30)	3(7.90)	0.99
Yes	46(92.00)	11(91.70)	35(92.10)	
Dyspnea				
No	5(8.60)	1(5.30)	4(10.30)	0.99
Yes	53(91.40)	18(94.70)	35(89.70)	
PMH**				
No	32(38.60)	10(32.30)	22(42.30)	
DM***/HTN****/Asthma	14(16.90)	6(19.40)	8(15.40)	0.46
Other disease	20(24.10)	10(32.30)	10(19.20)	
Mix	17(20.50)	5(16.10)	12(23.10)	
HRCT***** Finding				
No pathologic finding	10(12.00)	9(29.00)	1(1.90)	< 0.001*
One disease	37(44.60)	14(45.20)	23(44.20)	
Mix	36(43.40)	8(25.80)	28(53.80)	
HRCT Assessment (%)				
Negative	12(14.50)	12(38.70)	0(0.00)	
Normal	7(8.40)	7(22.60)	0(0.00)	< 0.001*
≤ 50	23(27.70)	10(32.30)	13(25.00)	
¿50	41(49.40)	2(6.50)	39(75.00)	

*significant at level of 0.05, Values are reported as frequency (percent) and mean$\pm sd$. **Past medical history, ***Diabetes Melitus,****Hypertension, ***** High-resolution computed tomography

Table2: Comparison of the frequency distribution of Laboratory experiments of patients with suspected of COVID-19 based on the HRCT result (n=83).

Characteristics	Total	HRCT		P
		Negative	Positive	
W.B.C(10^3)				
Mean $\pm$SD	13.16$\pm$26.53	16.90$\pm$34.70	10.96$\pm$20.36	0.01*
Normal	47(58.00)	17(56.70)	30(58.80)	0.84
Abnormal	34(42.00)	13(43.30)	21(41.20)	
Lymph(%)				
Mean $\pm$SD	20.47$\pm$14.70	18.77$\pm$15.04	21.52$\pm$14.53	0.29
Normal	27(33.30)	8(25.80)	19(38.00)	0.25
Abnormal	54(66.70)	23(74.20)	31(62.00)	
Neut (%)				
Mean $\pm$SD	71.28$\pm$16.71	72.55$\pm$17.21	70.45$\pm$16.51	0.41
Normal	31(39.70)	10(32.30)	21(44.70)	0.27
Abnormal	47(60.30)	21(67.70)	26(55.30)	
CRP				
Mean $\pm$SD	57.26$\pm$61.14	64.88$\pm$59.77	52.96$\pm$62.14	0.28
Normal	16(22.20)	6(23.10)	10(21.70)	0.89
Abnormal	56(77.80)	20(76.90)	36(78.30)	
PLT(10^3)				
Mean $\pm$SD	236.82$\pm$118.59	254.06$\pm$136.00	226.33$\pm$106.71	0.35
Normal	64(78.00)	23(74.20)	41(80.40)	0.51
Abnormal	18(22.00)	8(25.80)	10(19.60)	
LDH				
Mean $\pm$SD	599.72$\pm$577.10	710.45$\pm$968.74	544.35$\pm$192.89	0.49
Normal	20(33.30)	9(45)	11(27.50)	0.17
Abnormal	40(66.70)	11(55)	29(72.50)	
ESR				
Mean $\pm$SD	49.36$\pm$25.50	49.05$\pm$30.18	49.51$\pm$23.37	0.62
Normal	13(19.70)	5(23.80)	8(17.80)	0.56
Abnormal	53(80.30)	16(76.20)	37(82.20)	

*significant at level of 0.05, Values are reported as frequency (percent) and mean$\pm sd$, Normal range for W.B.C: 4.50-11, Normal range for Lymph: 20-50, Normal range for Neut: 37-72, Normal range for CRP: ≤ 10, Normal range for PLT: 130-400, Normal range for LDH: 23-400, Normal range for ESR: ($Female \wedge¿$ Age$\leq 50:\leq 20$, $Female \wedge¿$ Age$¿50:\leq 30$, $Male \wedge¿$ Age$\leq 50:\leq 15$, $Male \wedge¿$ Age$¿50:\leq 20$).

Table3: Comparison of the frequency distribution of O2 saturation and other Laboratory experiments of patients with suspected COVID-19 based on the HRCT result (n=83).

Characteristics	Total	HRCT		P
		Negative	Positive	
O2 SAT (%)				
Mean ±SD	93.89±4.77	95.03±4.49	93.21±4.85	0.02*
Normal	46(55.40)	23(74.20)	23(44.20)	0.008*
Abnormal	37(44.60)	8(25.80)	29(55.80)	
SGOT				
Mean ±SD	61.12±54.71	63.71±72.98	59.68±42.51	0.35
Normal	27(45.80)	12(57.10)	15(39.50)	0.19
Abnormal	32(54.20)	9(42.90)	23(60.50)	
SGPT				
Mean ±SD	44.92±42.62	41.38±39.58	46.87±44.60	0.43
Normal	37(62.70)	13(61.90)	24(63.20)	0.92
Abnormal	22(37.30)	8(38.10)	14(36.80)	
ALP				
Mean ±SD	397.41±372.53	544.67±516.51	313.84±227.36	0.07
Normal	31(53.40)	7(33.30)	24(64.90)	0.02*
Abnormal	27(46.60)	14(66.70)	13(35.10)	

*significant at level of 0.05, Values are reported as frequency (percent) and mean± sd, Normal range for O2 saturation: 95-99, Normal range for SGOT: 2-38, Normal range for SGPT: 2-38, Normal range for PLT: 130-400, Normal range for ALP: 80-306.

Table 4: Frequency distribution of PMH among patients with suspected of COVID-19 under study (n=83).

PMH	N(%)
No	32(38.60)
DM / HTN / Asthma	14(16.90)
CKD	4(4.80)
HTN and DM	8(9.60)
Cancer	7(8.40)
DM with other disease	4(4.80)
DM with other disease	1(1.20)
CKD with other disease	2(2.40)
Other disease#	11(13.30)
Total	83(100)

Other disease including: Anemia, R.A, HepB, Minor Thalassemia,

DI, Thyroid, Alergy, DLP, Liver cirrhosis

Table 5. The adjusted odds ratios of risk factors for the positiveness of HRCT result based on multiple logistic regression models

Characteristics(Refrence)	Odds Ratio(%95 CI)	P
Score of HRCT assessment[#]	5.17(1.71,15.60)	0.004
ALP(normal)		
abnormal	0.04(0.003,0.83)	0.03
SGOT(normal)		
abnormal	1.67(0.11,25.39)	0.70
LDH(normal)		
abnormal	1.19(0.07,19.03)	0.90
O2 (normal)		
abnormal	2.00(0.12,31.32)	0.62
HRCT Finding(no pathologic)		
at least one disease	8.41(0.005,15509.16)	0.57

Score HRCT assessment: 0= no / normal, 1= < 25%, 2= 25%-50%, 3= 50%-75%, 4= > 75%