

Table 1a: Association of IL-6, IL-10, IL8, and IL-1 α levels in patients with SARS-CoV-2 (N=100) and their clinical features.

	IL-6			IL-10		IL-8		IL-1 α	
	Mild	Moderate	High	Normal	Elevated	Normal	Elevated	Normal	Elevated
Symptoms									
Cough									
NO	45.1	34.0	18.1	56.0	30.4	55.5	26.4	40.3	29.4
YES	54.8	65.9	81.8	44.0	69.5	44.4	73.5	59.6	70.5
p-value	0.20			0.03*		0.01*		0.30	
Fever									
NO	51.6	50.0	45.4	52.0	45.6	55.5	49.06	55.7	41.1
YES	48.3	50.0	54.5	48.0	54.3	44.4	50.9	44.2	58.8
p-value	0.9			0.6		0.5		0.1	
Myalgia									
NO	77.4	86.3	81.8	88.0	78.2	85.1	81.1	78.8	88.2
YES	22.5	13.6	18.1	12.0	21.7	14.8	18.8	21.1	11.7
p-value	0.6			0.3		0.6		0.2	
Hypoxia									
NO	70.9	59.0	81.8	72.0	69.5	85.1	62.2	65.3	67.6
YES	29	40.9	18.1	28.0	30.4	14.8	37.7	34.6	32.3
p-value	0.20			0.80		0.03*		0.80	
Pneumonia									
NO	45.1	31.8	45.4	32.0	47.8	37	37.7	40.3	35.2
YES	54.8	68.1	54.5	68.0	52.0	62.9	62.2	59.6	64.7
p-value	0.4			0.1		0.9		0.6	
Diarrhoea									
NO	87.1	95.0	90.9	96.0	89.1	92.5	90.5	92.3	91.1
YES	12.9	4.5	9.0	4.0	10.8	7.4	9.4	7.6	8.8

p-value	0.4	0.3	0.7	0.8
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*Values considered significant when $p \leq 0.05$.

- IL-6 viz: mild: 0–<10 pg/mL, moderate: ≥ 10 –<80 pg/mL, and high: ≥ 80 pg/mL
- IL-10 viz: normal: 6.0–28.2 pg/mL and elevated >28.2 pg/mL
- IL-8 viz: normal: 79.1–87.9 pg/mL and elevated >87.9 pg/mL
- IL-1 α viz: normal: 36.2–49.4 pg/mL and elevated >49.4 pg/mL

Table 1b: Association of VEGF, TNF- α , and ferritin levels in patients with SARS-CoV-2 and their clinical features.

	VEGF			TNF- α		Ferritin		
	Low	Normal	Elevated	Normal	Elevated	Mild	Moderate	High
Symptoms								
Cough								
NO	57.1	33.8	35.2	34.3	46.6	34.8	29.0	61.5
YES	42.8	66.1	64.7	65.6	53.3	65.1	70.9	38.4
p-value	0.4			0.3		0.1		
Fever								
NO	57.14	46.70	58.80	43.70	60.00	48.80	54.80	38.40
YES	42.80	53.20	41.10	56.20	40.00	51.10	45.10	61.50
p-value	0.6			0.2		0.6		
Myalgia								
NO	71.4	82.2	88.2	71.8	90.0	74.4	87.1	100
YES	28.5	17.7	11.7	28.1	10.0	25.5	12.9	0
p-value	0.60			0.07		0.07		
Hypoxia								
NO	42.8	66.1	76.4	71.8	66.6	62.7	64.5	76.9
YES	57.1	33.8	23.5	28.1	33.3	37.2	35.4	23.0
p-value	0.2			0.6		0.6		
Pneumonia								
NO	42.8	41.9	23.5	40.6	30.0	44.1	38.7	15.3
YES	57.1	58.0	76.4	59.3	70.0	55.8	61.2	84.6
p-value	0.3			0.3		0.1		
Diarrhoea								

NO	100	88.7	100	93.7	90.0	88.3	100	84.6
YES	0	11.2	0	6.2	10.0	11.6	0	15.3
p-value	0.2			0.5		0.1		

Values in the tables are represented in percentages.

Values are considered significant when $p \leq 0.05$.

- VEGF viz low: <594.8 ng/mL, normal: 594.5–925.8 ng/mL, and elevated: >925.8 ng/mL
- TNF- α viz normal: 23–225 pg/mL and elevated; >225 pg/mL
- Ferritin viz mild: <500 ng/mL, moderate: ≥ 500 –<1500 ng/mL, and high: ≥ 1500 ng/mL

VEGF: vascular endothelial growth factor.