

Supplementary Materials

Table S1. Sociodemographic characteristics of the studied population (n=116).

Variable	Frequency (n)	(%)
Sex		
Male	76	65.5
Female	40	34.5
Ethnicity		
Mestizo	90	78
Afro-descendant	20	17
Indigenous	6	5
Health Insurance Scheme (SGSSS)		
Subsidized	74	63.8
Contributory	32	27.6
Beneficiary	9	7.8
Special	1	0.9
Socioeconomic Stratum		
1—3	116	100
4—6	0	0
Mean age	64	14*
Mode age	63	19-94**

Abbreviations: SGSSS: General System of Social Security in Health; *Standard Deviation; ** Range.

Table S2. Comparison of clinical characteristics at ICU admission between survivors and non-survivors included in the study (n=116)

Variable	Survivors (n=59) n(%)	Non- Survivors (n=57) n(%)	p-value
Non-invasive respiratory support (NIRS) at ICU admission			
Yes	53 (91%)	50 (89%)	0.719
No	6 (9%)	7 (11%)	

Non-invasive mechanical ventilation (NIMV)	0 (0%)	0 (0%)	--
Respiratory rate (breaths/min)	25 ± 5	27 ± 7	0.081
Oxygen saturation (SaO₂) (%)	89 ± 8	85 ± 11	0.028
Heart rate (beats/min)	84 ± 17	91 ± 19	0.039
Systolic blood pressure (mmHg)	130 ± 30	127 ± 32	0.604
Diastolic blood pressure (mmHg)	75 ± 13	73 ± 19	0.511
Mean arterial pressure (mmHg)	93 ± 7	91 ± 34	0.665
Glasgow score	14 ± 1	14 ± 1	1.000
Arterial blood gases			
Ph	7.41 ± 0.08	7.35 ± 0.15	0.028
PaCO ₂ (mmHg)	37 ± 13	38 ± 11	0.655
HCO ₃ (mEq/L)	24 ± 5	21 ± 4	0.003
PaO ₂ (mmHg)	76 ± 27	81 ± 32	0.366
SaO ₂ (%)	92 ± 5	91 ± 6	0.332
PaO ₂ /FiO ₂	140 ± 81	144 ± 88	0.792

Abbreviations: NIRS: Non-invasive respiratory support; NIMV: Non-invasive mechanical ventilation; SaO₂: Oxygen saturation; PaCO₂: Partial pressure of carbon dioxide; HCO₃: Bicarbonate; PaO₂: Partial pressure of oxygen; FiO₂: Fraction of inspired oxygen.

Table S3. Comparison of paraclinical results between survivors and non-survivors included in the study (n=116)

Variable	Survivors (n=59)	Non-Survivors (n=57)	<i>p</i> -value
White blood cell count ($\times 10^3$)	10.9 \pm 4.4	13.6 \pm 6.5	0.011
Neutrophil count ($\times 10^3$)	78.1 \pm 9.0	90.7 \pm 86	0.265
Eosinophil count ($\times 10^3$)	1.07 \pm 0.85	1.02 \pm 0.88	0.756
Lymphocyte count ($\times 10^3$)	13.7 \pm 7.2	13.2 \pm 15.5	0.824
Monocyte count ($\times 10^3$)	6.0 \pm 3.6	5.8 \pm 3.4	0.759
Hemoglobin (g/dL)	13 \pm 1.8	14.8 \pm 1.8	0.001
Platelets ($\times 10^3$)	304 \pm 123	276 \pm 120	0.217
Sodium (Na) (mEq/L)	137 \pm 5.1	161 \pm 180.2	0.309
Potassium (K) (mEq/L)	4.1 \pm 0.6	4.2 \pm 0.8	0.447
Chloride (Cl) (mEq/L)	105 \pm 6.7	109 \pm 8.5	0.006
Lactate (mg/dL)	20 \pm 11	25 \pm 23	0.136
C-reactive protein (mg/dL)	79.4 \pm 44	83.8 \pm 34.9	0.516
LDH (UI/L)	660 \pm 319	818 \pm 483	0.041
Ferritin (ng/mL)	942 \pm 481	1064 \pm 541	0.203

Abbreviations: Na: Sodium; K: Potassium; Cl: Chloride; LDH: Lactate dehydrogenase.