

Supplementary Material

Table S1 Epidemiological and clinical characteristics (complete).

Characteristic, n (%)	Hospital Discharge (n = 99)	Death (n = 128)	Total (n = 227)	p-value
<i>Symptoms and signs of infection</i>				
Dyspnea	90 (90.9)	108 (84.4)	198 (87.2)	0.245 ^a
Oxygen desaturation	80 (80.8)	103 (80.5)	183 (80.6)	0.747 ^a
Fever	49 (49.5)	58 (45.3)	107 (47.1)	0.751 ^a
Cough	65 (65.7)	75 (58.6)	140 (61.7)	0.354 ^a
Odynophagia	4 (4.0)	6 (4.7)	10 (4.4)	0.834 ^a
Myalgia	24 (24.2)	28 (21.9)	52 (22.9)	0.675 ^a
Adynamia	23 (23.2)	23 (18.0)	46 (20.3)	0.566 ^a
Loss of taste/smell	22 (22.2)	15 (11.7)	37 (16.3)	0.094 ^a
Headache	17 (17.2)	22 (17.2)	39 (17.2)	0.784 ^a
Diarrhea	11 (11.1)	19 (14.8)	30 (13.2)	0.581 ^a
Nausea	10 (10.1)	7 (5.5)	17 (7.5)	0.336 ^a
Vomiting	8 (8.1)	7 (5.5)	15 (6.6)	0.512 ^a
Other	20 (20.2)	23 (18.0)	43 (18.9)	0.670
<i>Body-mass index, kg/m²</i>	28.6 (25.3 – 31.9)	27.4 (25.0 – 31.2)	27.8 (25.1 – 31.6)	0.199 ^b
<i>Comorbidities</i>				
Hypertension	49 (50.5)	84 (65.6)	133 (58.6)	0.014
Obesity	39 (39.4)	43 (33.6)	82 (36.1)	0.404
Diabetes	35 (35.4)	48 (37.5)	83 (36.6)	0.743 ^a
Chronic respiratory disease	5 (5.1)	18 (14.1)	23 (10.1)	0.042^a
Chronic kidney failure	5 (5.1)	9 (7.0)	14 (6.2)	0.653 ^a
Cardiovascular disease	11 (11.1)	23 (18.0)	34 (15.0)	0.290 ^a
Autoimmune disease	1 (1.0)	4 (3.1)	5 (2.2)	0.504 ^a
Cancer	0	6 (4.7)	6 (2.6)	0.053 ^a
Other	25 (25.3)	48 (37.5)	73 (32.2)	0.114 ^a

Data are presented as mean (SD), n (%), or median (IQR). p-value defined by Pearson's Chi-Square Test.

^a Fisher's Exact Test; ^b Mann-Whitney *U* Test; Values are shown as n/n (%), with percentages calculated relative to the group total. Statistically significant p-values ($p < 0.05$) are shown in bold.

Table S2 Follow-up data on patient's progression during hospitalization at 7-, 14- and 28-day intervals (complete).

Characteristic, n (%)	Hospital Discharge (n = 99)	Death (n = 128)	Total (n = 227)	p-value
Laboratory findings				
<i>White blood cell count, distribution per mm³</i>				
Until day 7:				<0.001^a
≥ 15,000	31 (31.3)	91 (71.1)	122/135 (53.7)	
< 4,000	8 (8.1)	2 (1.6)	10 (4.4)	
Day 8 to 14:				<0.001^a
≥ 15,000	26/65 (40.0)	72/97 (74.2)	98/162 (60.5)	
< 4,000	0/65 (0.0)	1/97 (1.0)	1/162 (0.6)	
Day 15 to 28:				0.003^a
≥ 15,000	13/38 (34.2)	38/53 (71.7)	51/91 (56.0)	
< 4,000	3/38 (7.9)	1/53 (1.9)	4/91 (4.4)	
<i>Platelet count, distribution < 100,000 per mm³</i>				
Until day 7:	4 (4.0)	19 (14.8)	23 (10.1)	0.008
Day 8 to 14:	4/65 (6.2)	10/98 (10.2)	14/163 (8.6)	0.132
Day 15 to 28:	2/38 (5.3)	7/54 (13.0)	9/92 (9.8)	0.471 ^a
Oxygen therapy				
Until day 7:				<0.001^a
Catheter/oxygen mask	37 (37.4)	10 (7.8)	47 (20.7)	
Non-invasive ventilation	25 (25.3)	2 (1.6)	27 (11.9)	
Tracheal intubation	34 (34.3)	115 (89.8)	149 (65.6)	

None (room air)	3 (3.0)	1 (0.8)	4 (1.8)	
Day 8 to 14:				<0.001
Catheter/oxygen mask	16/72 (22.2)	4/99 (4.0)	20/171 (11.7)	
Non-invasive ventilation	12/72 (16.7)	3/99 (3.0)	15/171 (8.8)	
Tracheal intubation	30/72 (41.7)	92/99 (92.9)	122/171 (71.3)	
None (room air)	14/72 (19.4)	0/99 (0.0)	14/171 (8.2)	
Day 15 to 28:				<0.001^a
Catheter/oxygen mask	6/39 (15.4)	0/52 (0.0)	6/91 (6.6)	
Non-invasive ventilation	6/39 (15.4)	0/52 (0.0)	6/91 (6.6)	
Tracheal intubation	19/39 (48.7)	52/52 (100.0)	71/91 (78.0)	
None (room air)	8/39 (20.5)	0/52 (0.0)	8/91 (8.8)	

Results are expressed as total n/n (%) due to variations in patients' length of stay indicating the number of admissions during the period. Oxygen therapy data reflect the worst-case scenario during each patient's hospitalization. Percentages were calculated within each group.

^a Fisher's Exact Test; ^b Mann-Whitney *U* Test. Catheter/oxygen mask indicates oxygen flow up to 15 L/min. Statistically significant p-values (< 0.05) are shown in bold.