

Supplementary Table 1. Demographic, laboratory and clinical details of patients without vaccination and two doses of vaccination

	Vaccinated, n=36	Unvaccinated, n=37	p
Age, years, mean±SD	81.08±7.49	79.97±8.47	0.555
Female (%)	41.7	59.5	0.128
Co-morbidities (%)			
Hypertension	80.6	81.1	0.955
DM	50	37.8	0.295
CAD	55.6	56.8	0.918
COPD	19.4	27	0.443
Blood pressure, mmHg, mean±SD			
Systolic	118.50±31.97	120.68±30.21	0.766
Diastolic	64.58±14.90	64.65±14.69	0.065
GCS, median (IQR)	15 (12-15)	14.5 (11-15)	0.290
Leukocyte, x10⁹/L, median (IQR)	10.71 (7.57-13.7)	12.26 (8.31-15.71)	0.284
Neutrophile, x10⁹/L, median (IQR)	9.61 (5.94-12.55)	10.93 (7.52-14.73)	0.171
Lymphocyte, x10⁹/L, median (IQR)	0.64 (0.39-1.46)	0.51 (0.30-1.03)	0.212
Hemoglobin, g/dl, median (IQR)	11.15(9.82-12.70)	11.50 (10.55-13.35)	0.424
Hematocrit, %, mean±SD	34.02±5.87	35.90±6.80	0.211
Thrombocyte, x10⁹/L, mean±SD	244.92±95.24	260.68±135.31	0.568
Urea, mg/dl, median (IQR)	73.5 (57.5-138.5)	74 (60-117.50)	0.732
Creatinine, mg/dl, median (IQR)	1.22 (0.92-3.31)	1.20 (0.89-1.71)	0.326
Alanine aminotransferase, U/L, median (IQR)	20.5 (15-34)	19 (13-34.50)	0.821
Lactate dehydrogenase, U/L, median (IQR)	340 (252-538)	462 (363-652)	0.021
C reactive protein, mg/L, median (IQR)	114.50 (88.97-188.40)	110.00 (66.78-171.00)	0.519
Procalcitonin, ng/ml, median (IQR)	0.50 (0.16-1.10)	0.46 (0.14-1.29)	0.699
Ferritin, ng/ml, median (IQR)	469.50 (229.52-884.10)	812 (399-1312)	0.023
D-dimer, ng/ml, median (IQR)	1085 (491.75-2538.75)	1220 (619-1605)	0.787
Arterial blood gas			
pH, mean±SD	7.38±0.10	7.35±0.14	0.322
PaCO ₂ , mmHg, median (IQR)	35.8 (29.87-44.35)	36.40 (29.90-42.95)	0.873
PaO ₂ , mmHg, median (IQR)	70.70 (48.02-120.75)	77 (62.20-110.85)	0.283

SpO ₂ , %, mean±SD	83.71±19.5	92.33±7.15	0.014
P_aO₂/F_IO₂ ratio	80 (40-105)	80 (60-150)	0.112
Respiratory condition at admission, %			0.287
Room air	2.8	-	
Nasal oxygen	2.8	13.5	
NIMV	50	43.2	
IMV	44.4	43.2	
IMV, overall, %	72.2	89.2	0.066
Time to intubation, days, median (IQR)	4.5 (1-10.5)	2 (1.5-6.0)	0.721
Duration of intubation, days, median (IQR)	7.5 (3-15.5)	8 (2-13.50)	0.888
Hospital stay, days, median (IQR)	11 (6.25-22.5)	15 (8-23)	0.325
ICU stay days, median (IQR)	7.5 (3-12.75)	9 (6-14)	0.386