Clinical Characteristics of COVID-19 Patients developing ARDS

		ARDS Status		Without Correction for Vaccination Status	With Correction for Vaccination Status
		No ARDS	ARDS	Odds Ratio (+/- 95%CI)	adj Odds Ratio (+/- 95%CI)
Dyspnea (n=165)				19.9 (4.0; 362.0)	16.8 (3.3; 307)
yes	138 (84%)	78 (75%)	60 (98%)		
no	27 (16%)	26 (25%)	1 (2%)		
Coughing (n= 150)				1.28 (0.64; 2.62)	1.43 (0.69; 3.02)
yes	90 (60%)	58 (58%)	32 (64%)		
no	60 (40%)	42 (42%)	18 (36%)		
Fever (n=149)				1.72 (0.83; 3.69)	2.04 (0.95; 4.56)
yes	93 (62%)	59 (58%)	34 (64%)		
no	56 (38%)	42 (42%)	14 (36%)		
Oxygen (l/min n=110)	4.20 (3.42; 5.03)	3.36 (2.58; 4.19)	7.34 (5.26; 9.30)	1.19 (1.08; 1.33)	1.20 (1.08; 1.34)
NIV (n=153)				84 (29;292)	110 (34; 473)
yes	56(37%)	10 (10%)	46 (90%)		
no	97 (63%)	92 (90%)	5 (10%)		
High Flow (n=147)				28 (11; 79)	36 (13; 118)
yes	43 (29%)	9 (9%)	34 (74%)		
no	104 (71%)	92 (91%)	12 (26%)		
Intubation (n=165)				80 (29; 271)	71 (25; 246)
yes	54 (33%)	5 (5%)	49 (80%)		
no	111 (67%)	99 (95%)	12 (20%)		
ECMO-ECLS (n=165)				infinite Number	infinite Number
yes	25 (15%)	0 (0%)	25 (40%)		
no	140 (85%)	103 (100%)	37 (60%)		
Tracheotomie (n=163)				20 (6; 88)	18 (5; 84)
yes	25 (15%)	3 (3%)	22 (37%)		
no	138 (85%)	101 (97%)	37 (63%)		
Quantitative score of chest CT lesions (n=167)	7.31 (6.61; 7.99)	4.49 (4.20; 5.54)	11.38 (10.57; 12.24)	1.63 (1.43; 1.92)	1.62 (1.41; 1.92)
ICU Therapy (n=167)				135 (37; 814)	139 (37; 918)
yes	79 (47%)	19 (18%)	60 (97%)		
no	88 (53%)	86 (82%)	2 (3%)		
ICU Duration (days n=158)	8.30 (6.01; 10.95)	2.14 (0.67; 4.15)	19.83 (15.12; 24.51)	1.14 (1.08; 1.21)	1.13 (1.08; 1.20)
pO2 (mmHg n=151)	54.40 (50.09; 59.14)	47.54 (41.64; 53.79)	64.53 (60.14; 69.27)	1.024 (1.011; 1.039)	1.025 (1.012; 1.041)
pCO2 (mmHg n=156)	42.96 (40.89; 45.13)	39.13 (37.61; 40.42)	48.92 (44.41; 53.57)	1.06 (1.03; 1.10)	1.06 (1.03; 1.10)
Mortality (n=165)				10.87 (4.70; 27.77)	12.81 (5.18; 35.80)
yes	37 (22%)	8 (8%)	29 (48%)		
no	128 (78%)	96 (92%)	32 (52%)		
Sepsis (n=165)				36.4 (10.2; 233)	33 (9.1; 219)
yes	28 (17%)	2 (2%)	26 (42%)		
no	137 (83%)	101 (98%)	36 (58%)		
C Reactive Protein (mg/l n=144)	102 (87; 117)	99 (75; 107)	131 (101; 162)	1.004 (1.001; 1.008)	1.005 (1.001; 1.01)
Procalcitonin (mug/l n=140)	0.78 (0.53; 1.09)	0.52 (0.31; 0.81)	1.23 (0.69; 1.85)	1.31 (1.05; 1.73)	1.25 (0.99; 1.67)
Pulmonary Superinfection (n=159)				10.75 (5.06; 24.52)	12.67 (5.64; 31.06)
yes	78 (49%)	29 (29%)	49 (82%)		
no	81 (51%)	70 (71%)	11 (18%)		
D-Dimer (mg/l n=138)	4.82 (3.54; 6.26)	2.85 (2.00; 3.98)	8.40 (5.41; 11.60)	1.10 (1.04; 1.18)	1.09 (1.03; 1.17)
PTT (sec n=160)	36.61 (34.50; 39.18)	36.47 (33.60; 40.25)	36.83 (34.16; 40.29)	1.00 (0.97; 1.02)	1.00 (0.97; 1.02)
INR (n=160)	1.16 (1.09; 1.26)	1.16 (1.09; 1.25)	1.17 (1.05; 1.39)	1.03 (0.52; 1.88)	1.08 (0.57; 2.15)
Coagulopathy (n=165)				21.9 (4.1; 407)	18.7 (3.36; 353)
yes	12 (7%)	1 (1%)	11 (18%)		
no	153 (93%)	102 (99%)	51 (82%)		
Renal Failure (n=166)				2.58 (1.34; 5.02)	2.76 (1.38; 5.61)
yes	60 (36%)	29 (28%)	31 (50%)		
no	106 (64%)	75 (72%)	31 (50%)		