

Appendix 1

Table 1 - Baseline characteristics: total and by subgroup analysis

Demographics	Total	3 months	6 months	12 months	p-value	ICU	Ward	p-value	Elderly	Young	p-value
Gender					0.031			0.06			0.2
Female	64 (51.2%)	13 (42%)	37 (64%)	14 (39%)		10 (36%)	54 (56%)		47 (55%)	17 (44%)	
Male	61 (48.8%)	18 (58%)	21 (36%)	22 (61%)		18 (64%)	43 (44%)		39 (45%)	22 (56%)	
Race					0.211			0.8			0.7
Asian	1 (0.8%)	0 (0%)	1 (2%)	0 (0%)		0 (0%)	1 (1%)		1 (1%)	0 (0%)	
White	116 (92.8%)	30 (97%)	55 (95%)	31 (86%)		26 (93%)	90 (93%)		80 (93%)	36 (92%)	
Black	8 (6.4%)	1 (3%)	2 (3%)	5 (14%)		2 (7%)	6 (6%)		5 (6%)	3 (8%)	
ADL					0.182			0.02			<0.001
Dependent	23 (18.4%)	7 (23%)	13 (22%)	3 (8%)		1 (4%)	22 (23%)		23 (27%)	0 (0%)	
Independent	102 (81.6%)	24 (77%)	45 (78%)	33 (92%)		27 (96%)	75 (73%)		63 (73%)	39 (100%)	
Age	70.3 (13)	70,5 (13)	72,3 (13)	66,9 (12,8)	0.153	68 (8.5)	71 (14)	0.3	77 (8)	55 (6.7)	<0.001
Comorbidities											
COPD	8 (6.4%)	2 (6.5%)	5 (8.6%)	1 (3%)	0.531	1 (4%)	7 (7%)	0.48	6 (7%)	2 (5%)	0.6
Asthma	3 (2.4%)	0 (0%)	2 (3%)	1 (3%)	0.59	0 (0%)	3 (3%)	0.34	3 (3.5%)	0 (0%)	0.2
Heart failure	27 (22%)	4 (13%)	12 (21%)	11 (31%)	0.21	2 (7%)	25 (26%)	0.03	24 (28%)	3 (8%)	0.01

Diabetes Mellitus	46 (37%)	11 (35%)	20 (35%)	15 (42%)	0.77	13 (46%)	33 (33%)	0.2	32 (37%)	14 (36%)	0.8
Cirrhosis	6 (4.8%)	0 (0%)	3 (5%)	3 (8%)	0.27	2 (7%)	4 (4%)	0.5	4 (5%)	2 (5%)	0.9
Kidney failure	20 (16%)	3 (10%)	7 (12%)	10 (28%)	0.07	3 (11%)	17 (18%)	0.38	13 (15%)	7 (18%)	0.6
Obesity	26 (21%)	0 (0%)	16 (27%)	10 (28%)	0.004	8 (29%)	18 (19%)	0.2	19 (22%)	7 (18%)	0.6
Neoplasia	11 (8.8%)	4 (13%)	6 (10%)	1 (3%)	0.29	3 (11%)	8 (8%)	0.68	9 (11%)	2 (5%)	0.3
Solid organ transplant	7 (5.6%)	1 (3%)	1 (1%)	5 (14%)	0.036	2 (7%)	5 (5%)	0.68	2 (2%)	5 (13%)	0.02
Immunossupression	18 (14%)	4 (13%)	7 (12%)	7 (19%)	0.59	4 (14%)	14 (14%)	0.9	9 (11%)	9 (23%)	0.06
Reason for hospital admission					0.127			<0.001			0.07
COVID-19 disease	96 (77%)	27 (87%)	40 (69%)	29 (81%)		28 (100%)	68 (70%)		70 (81%)	26 (67%)	
Other	29 (23%)	4 (13%)	18 (31%)	7 (19%)		0 (0%)	29 (30%)		16 (19%)	13 (33%)	
Severity					0.006			<0.001			0.16
Asymptomatic	22 (17.6%)	3 (10%)	14 (24%)	5 (14%)		0 (0%)	22 (23%)		14 (16%)	8 (21%)	
Slight	7 (5.6%)	1 (3%)	4 (7%)	2 (5%)		0 (0%)	7 (7%)		2 (2%)	5 (13%)	
Moderate	9 (7.2%)	1 (3%)	2 (3%)	6 (17%)		0 (0%)	9 (9%)		7 (8%)	2 (5%)	
Severe	64 (51.2%)	20 (65%)	33 (57%)	11 (31%)		5 (18%)	59 (61%)		46 (54%)	18 (46%)	
Critic	23 (18.4%)	6 (19%)	5 (9%)	12 (33%)		23 (82%)	0 (0%)		17 (20%)	6 (15%)	
Severity markers											
Total LOS	18.8 (17)	16,9 (15)	18,5 (18,8)	21 (15,8)	0.590	27 (18)	16 (16)	0.002	19.9 (17.8)	16 (15)	0.29

SARS-CoV-2 LOS	13.9 (10)	11,8 (13)	12 (6,7)	18,6 (12)	0.007	21 (15)	12 (8)	<0.001	14 (11)	13 (9)	0.5
NIMV	11 (8.8%)	1 (3%)	6 (10%)	4 (11%)	0.4	8 (29%)	3 (3%)	<0.001	5 (6%)	6 (15%)	0.08
IMV	23 (18%)	6 (19%)	5 (9%)	12 (33%)	0.011	23 (82%)	0 (0%)	<0.001	17 (20%)	6 (15%)	0.5
Prone ventilation	10 (8%)	3 (23%)	1 (2%)	6 (17%)	0.01	10 (36%)	0 (0%)	<0.001	9 (13%)	1 (3%)	0.1
ICU admission	28 (22%)	6 (19%)	8 (14%)	14 (39%)	0.016	.	.		20 (23%)	8 (21%)	0.7
Nosocomial infections	22 (17.6%)	6 (19%)	11 (19%)	5 (14%)	0.78	9 (32%)	13 (13%)	0.022	18 (21%)	5 (10%)	0.1
Thrombotic complications	13 (10%)	9 (29%)	4 (7%)	0 (0%)	<0.0001	3 (11%)	10 (10%)	0.9	10 (12%)	3 (8%)	0.5
RRT	8 (6.4%)	1 (3%)	4 (7%)	3 (8%)	0.68	4 (14%)	4 (4%)	0.053	5 (6%)	3 (8%)	0.6
N	125	31	58	36		28	97		86	39	

ADL: Activities daily-living; COPD: Chronic obstructive pulmonary disease; LOS: Length of stay; NIMV: Non-invasive mechanical ventilation; IMV: Invasive mechanical ventilation; ICU: Intensive care unit; RRT: Renal replacement therapy