

Supplemental Table. COMPARISON OF OUTCOMES ASSOCIATED WITH SPECIFIC THERAPIES WHILE HOSPITALIZED, panel A; anti-coagulation (both prophylactic (86%) and therapeutic (14%)), panel B; hydroxychloroquine, panel C; and transfusion (both simple and exchange), panel D, treatment during admission.

COMPARISON OF OUTCOMES ASSOCIATED WITH SPECIFIC THERAPIES WHILE HOSPITALIZED					
A. HYDROXYUREA					
	No		Yes		p value*
	N	Results	N	Results	
Change of creatinine†	22	0.4 (0.9)	10	0.2 (0.4)	0.38
Change of LDH†	19	139 (297.3)	9	131 (260.5)	0.75
Change of D-dimer†	15	1.3 (2.9)	4	1.8 (3.6)	0.92
Mechanical ventilation	23	3 (13)	10	0	0.54
LOS, median (IQR)	24	4 (3-10)	10	5 (2-10)	>0.9
ICU admission	24	3 (13)	10	0	0.54
Death‡	24	4 (17)	10	0	0.30
B. ANTI-COAGULATION					
	No		Yes		p value*
	N	Results	N	Results	
Change of creatinine†	14	0.5 (1.1)	29	0.3 (0.6)	0.42
Change of LDH†	13	135 (288.5)	27	87 (219.2)	0.76
Change of D-dimer†	8	0.5 (1.0)	17	1.6 (3.1)	0.38
Mechanical ventilation	18	2 (11)	32	2 (6)	0.61
LOS, median (IQR)	18	3 (2-6)	32	8 (4-12)	0.018
ICU admission	18	2 (11)	32	4 (13)	>0.9
Death	18	4 (22)	32	2 (6)	0.17
C. HYDROXYCHLOROQUINE					
	No		Yes		p value*
	N	Results	N	Results	
Change of creatinine†	24	0.2 (0.5)	19	0.5 (1.0)	0.14
Change of LDH†	22	61 (185.8)	18	154 (292.8)	0.51
Change of D-dimer†	11	0	14	2.2 (3.2)	0.002
Mechanical ventilation	31	2 (6)	19	2 (11)	0.63
LOS, median (IQR)	31	4 (2-8)	19	8 (4-13)	0.034
ICU admission	31	4 (13)	19	2 (11)	>0.9
Death	31	2 (6)	19	4(21)	0.18
D. TRANSFUSION					
	No		Yes		p value*
	N	Results	N	Results	
Change of creatinine†	15	0.2 (0.6)	28	0.4 (0.9)	0.07
Change of LDH†	13	4 (11.5)	27	150 (282.8)	0.05
Change of D-dimer†	5	0	20	1.5 (2.8)	0.13
Mechanical ventilation	20	1 (5)	30	3 (10)	0.64
LOS, median (IQR)	20	3 (2-6)	30	10 (4-13)	0.002
ICU admission	20	1 (5)	30	5 (17)	0.38
Death	20	1	30	5 (17)	0.38

Results are n (%) unless otherwise specified.

† Mean (SD) change of value from admission to max.

‡ it should be noted that one patient with HbSC with RHC proven pulmonary hypertension, not on hydroxyurea, who died, was not included in analysis because he was not hospitalized, therefore the N in this table is 4 instead of 5.

* p value compares those who received therapy and those who did not.