

## Supplementary Material

### **Informing the management of the post-COVID condition: insights from the Western Australian experience comparing those who tested positive and negative to early COVID-19 strains**

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Supplementary Table S1: Physical and quality of life measures at T1, T2 and at T3, by COVID status

Outcome measures	At T1, n (%)			at T2, n (%)			at T3, n (%)		
	COVID + (n=149)	COVID- (n=144)	p-value*	COVID + (n=145)	COVID- (n=167)	p-value*	COVID + (n=142)	COVID- (n=161)	p-value*
%predicted grip strength, mean $\pm$ SD	88 $\pm$ 27	88 $\pm$ 22	0.786	88 $\pm$ 27	89 $\pm$ 21	0.696	91 $\pm$ 27	90 $\pm$ 25	0.661
%predicted 1STS repetitions, mean $\pm$ SD	73 $\pm$ 25	72 $\pm$ 68	0.687	82 $\pm$ 25	83 $\pm$ 28	0.779	86 $\pm$ 28	83 $\pm$ 26	0.529
Fatigue Severity Scale; n (% = score>35)	38 (27.7)	35 (25.2)	0.630	48 (33.8)	23 (14.3)	<b>&lt;0.001</b>	33 (23.9)	27 (17.2)	0.153
Dyspnoea-mMRC n (% = score>0)	72 (53.3)	83 (59.7)	0.287	74 (52.5)	72 (45.3)	0.213	62 (45.6)	78 (50.3)	0.420
EQ5D5L domain score =1 [no impairment: n(%)]									
Mobility	100 (73.0)	100 (71.9)	0.845	103 (72.5)	119 (73.9)	0.787	104 (75.9)	122 (77.7)	0.716
Self-care	126 (92.0)	127 (92.0)	0.986	130 (92.2)	151 (94.4)	0.449	128 (93.4)	146 (93.6)	0.956
Activities	85 (62.0)	97 (69.8)	0.175	96 (67.6)	123 (76.4)	0.088	92 (66.7)	125 (80.1)	<b>0.009</b>
Pain/discomfort	70 (51.5)	55 (39.6)	<b>0.047</b>	81 (57.0)	75 (46.6)	0.069	73 (52.9)	80 (51.0)	0.815
Anxiety/Depression	78 (56.9)	78 (56.1)	0.891	73 (51.4)	93 (57.8)	0.267	77 (55.8)	96 (61.2)	0.352

Footnotes: Abbreviations: SD = standard deviation; n = count for variable; mMRC = modified Medical Research Council dyspnoea scale. \*univariate p-value

1 Supplementary Table S2: Association between COVID+ status and outcome measures at T2 and at T3  
 2 among non-hospitalised and hospitalised patients.  
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Outcome measures	Among non-hospitalised patients		Among hospitalised patients	
	at T2	at T3	at T2	at T3
	OR* (95% CI); p-value	OR* (95% CI); p-value	OR* (95% CI); p-value	OR* (95% CI); p-value
% predicted grip strength <sup>^</sup>	#-0.02 (-0.06, 0.01); p=0.234	#0.02 (-0.02, 0.07); p=0.313	#-0.06 (-0.15, 0.03); p=0.209	#0.00 (-0.11, 0.11); p=0.986
% predicted 1STS repetitions <sup>^</sup>	#0.01 (-0.04, 0.06); p=0.746	#0.04 (-0.02, 0.10); p=0.172	#0.04 (-0.06, 0.13); p=0.444	#0.05 (-0.06, 0.16); p=0.357
Fatigue Severity Scale (score ≥36)	8.35 (2.86, 24.35); p<0.001	1.06 (0.43, 2.60); p=0.905	3.21 (0.62, 16.67); p=0.166	8.96 (0.81, 98.55); p=0.073
Dyspnoea-mMRC (score ≥ 1)	2.09 (1.01, 4.32); <b>p=0.048</b>	0.63 (0.29, 1.35); p=0.233	4.34 (0.69, 27.25); p=0.117	23.76 (0.01, 46476.14); p=0.413
Mobility (EQ5D5L: score = 1)	0.78 (0.17, 3.58); p=0.753	0.75 (0.16, 3.44); p=0.709	17.15 (0.02, 15278.71); p=0.412	2.01 (0.13, 32.36); p=0.621
Self-care (EQ5D5L: score = 1)	1.43 (0.11, 17.83); p=0.781	9.95 (0.87, 113.50); p=0.064	Model does not converge	0.52 (0.01, 23.49); p=0.736
Usual activities (EQ5D5L: score = 1)	0.64 (0.13, 3.17); p=0.587	0.19 (0.01, 4.62); p=0.308	2.61 (0.04, 158.13); p=0.647	2.67 (0.00, 4055.60); p=0.793
Pain/Discomfort (EQ5D5L: score = 1)	2.36 (1.17, 4.72); <b>p=0.016</b>	1.13 (0.55, 2.32); p=0.740	2.21 (0.02, 237.22); p=0.740	0.05 (0.00, 79.04); p=0.434
Anxiety/Depression (EQ5D5L: score = 1)	0.48 (0.22, 1.09); p=0.079	0.68 (0.32, 1.45); p=0.320	Model does not converge	2.07 (0.44, 9.66); p=0.354

4 \*OR = adjusted for T1 data, gender (male/female), chronic pulmonary disease (yes/no); #coefficient  
 5 instead of OR was reported in the table; ^not further adjusted for gender because these clinical  
 6 outcomes were calculated based on age and gender; imprecise results (cells shaded in grey) need to  
 7 be interpreted with caution.  
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