

**Supplementary table 1. Comparisons of COVID-19 patients without ARDS before and after recovery.**

ARDS = Acute Respiratory Distress Syndrome; ALT = Alanine Transaminase; AST = Aspartate Transaminase; LDH = Lactate Dehydrogenase

Index # (mean $\pm$ SD)	COVID-19 without ARDS		P Value *
	sick	recovered	
Number of patients (n)	6		
Female/Male	3/3		
Age (#), years	46.33 ( $\pm$ 9.266)		
Hospitalization Time (#), days	7.5 ( $\pm$ 0.55)		
Weight (#), kg	75.5 ( $\pm$ 11.40)	71.17 ( $\pm$ 16.70)	0.3701
Platelet count at admission (#), $\times 10^6$ /mL	147.3 ( $\pm$ 69.84)	211.7 ( $\pm$ 62.06)	0.0419
Lymphocyte count at admission (#), $\times 10^6$ /mL	1.033 ( $\pm$ 0.46)	1.383 ( $\pm$ 0.271)	0.0871
Platelet-Lymphocyte Ratio at admission (#)	148 ( $\pm$ 51.44)	161.5 ( $\pm$ 75.17)	0.3322
ALT value at admission (#), U/L	35.2 ( $\pm$ 13.70)	33.27 ( $\pm$ 13.61)	0.4690
AST value at admission (#), U/L	37.62 ( $\pm$ 17.91)	30.27 ( $\pm$ 18.68)	0.1404
LDH value at admission (#), U/L	653 ( $\pm$ 285.40)	455.8 ( $\pm$ 176.10)	0.1534
CRP (#), mg/L	18.73 ( $\pm$ 7.34)	8.39 ( $\pm$ 2.55)	0.0323
D-Dimers (#), mg/L	0.77 ( $\pm$ 0.58)	0.54 ( $\pm$ 0.39)	0.2992
Fibrinogen (#), mg/dL	254.17 ( $\pm$ 56.44)	251.33 ( $\pm$ 46.22)	0.1790

\* Statistical Analysis: Paired t-Test to calculate P values.

**Supplementary table 2. Comparisons of COVID-19 patients with ARDS before and after recovery.**

ARDS = Acute Respiratory Distress Syndrome; ALT = Alanine Transaminase; AST = Aspartate Transaminase; LDH = Lactate Dehydrogenase

Index # (mean ± SD)	COVID-19 ARDS		P Value *
	sick	recovered	
Number of patients (n)	4		
Female/Male	2/2		
Age (#), years	64.25 (± 20.97)		
Hospitalization Time (#), days	12 (± 3.37)		
Weight (#), kg	71 (± 7.07)	71.50 (± 9.11)	0.7519
Platelet count at admission (#), ×10 <sup>6</sup> /mL	139 (± 44.27)	197.00 (± 36.89)	0.1183
Lymphocyte count at admission (#), ×10 <sup>6</sup> /mL	1.05 (± 0.646)	2.375 (± 1.22)	0.0351
Platelet-Lymphocyte Ratio at admission (#)	167.3 (± 105.2)	97.02 (± 40.48)	0.1390
ALT value at admission (#), U/L	44.88 (± 6.537)	30.13 (± 4.82)	0.0204
AST value at admission (#), U/L	47.6 (± 11.26)	30.78 (± 5.95)	0.1118
LDH value at admission (#), U/L	793.5 (± 142.80)	460.00 (± 228.00)	0.0320
CRP (#), mg/L	22.50 (± 16.06)	10.02 (± 10.71)	0.0335
D-Dimers (#), mg/L	1.44 (± 0.59)	0.89 (± 0.55)	0.3078
Fibrinogen (#), mg/dL	428.00 (± 68.24)	236 (± 51.87)	0.0255

\* Statistical Analysis: Paired t-Test to calculate P values.

**Supplemental Table 3 – Comorbidities**

ARDS = Acute Respiratory Distress Syndrome

Index	COVID-19 without ARDS (n=11)	Medication	ARDS			
			COVID-19 (n=9)	Medication	Non-COVID-19 (n = 8)	Medication
Coronary Heart Disease	0		0		1	Propranolol
Obesity + Hypertension	0		0		1	Losartan
Obesity + Coronary Heart Disease	0		0		1	Acetylsalicylic acid
Type 2 Diabetes	1	Metformin	1	Metformin	1	Trimetazidine + Ivabradine
Diabetes + Coronary Heart Disease	1	Metformin + Propranolol	0		0	
Carcinoma	1	Chemotherapy	1	Chemotherapy	0	
Hypertension	1	Propranolol	1	Losartan	0	
Other	3	N.A.	2	N.A.	1	N.A.
Nothing to Report	4	None	4	None	3	None