

Table S1 Clinical characteristics of the patients with confirmed COVID-19 pneumonia

Patient	1	2	3	4
Age	53	57	74	56
Gender	F	F	F	F
Disease diagnosis	Psoriatic Arthritis	Psoriatic Arthritis	Horton Arteritis	Polymyositis
Disease duration, years	3	2	5	6
Ongoing b-DMARDs	SB5	SB4	Tocilizumab	Rituximab
Methotrexate	10 mg/week	10 mg/week	-	15 mg/week
Ongoing prednisone	-	-	5 mg/day	10 mg/day
Comorbidities	-	-	Hypertension	Thyroid cancer
IgM-SARS-Cov-2 AU	29.3	58.8	59.6	26.4
IgG-SARS-Cov-2 AU	75.2	94.9	12.3	9.2
Nasopharyngeal swab	+	+	+	+
Fever	+	+	+	+
Non-productive cough	+	+	+	+
Rhinorrhoea	+	-	-	+
Sore throat	-	-	-	+
Fatigue	+	+	+	+
Myalgia	+	+	+	+
Arthralgia	+	+	+	+
Anosmia/dysgeusia	+	-	-	-
Dyspnoea at rest	+	+		+
Horovitz Index	180	170	150	48
Echo Score	24	27	32	36
Chest X-ray performed	+	+	+	+
ICU admission	-	-	-	+
Antimalarials	HCQ	HCQ	HCQ	-
Antiviral treatment	Remdesivir	Darunavir	Darunavir	-
Biologic agent	-	-	Anakinra	Tocilizumab
Other treatment	Azithromycin	Azithromycin	Azithromycin	Hyperimmune Serum, Glucocorticoids
Time to discharge, day	13	15	21	47

Legend : + Present, - Absent, Horovitz Index (SpO₂ /FiO₂ ratio), ICU(Intensive Care Unit)