

Supplementary Table 1. Laboratory data obtained during hospital admission

Laboratory data (normal range)	Hospital day								
	Pre-admission (-60 days)	Day 1 (admission)	Day 5	Day 6	Day 7	Day 22	Day 35	Day 50	Day 62 (discharge)
Hematology									
WBC, ×10 ³ /μL (5.0–10.0)	6.5	5.5	4.4	4.3	7.5	11.5	16.6	6.9	11.5
Hgb (g/dL)/Hct (%) (14–18)/(42–52)	14.4/44.2	13.9/43.0	12.6/39.7	11.2/35.5	11.9/37.9	7.0/22.2	7.4/23.8	8.7/28.8	7.7/25.1
Platelets, ×10 ³ /μL (150–450)	124	78	89	92	129	207	316	237	233
Absolute granulocyte, % (42–75)	65.8	77.6	72.2	67.1	85	-	86.4	67.7	-
Absolute lymphocyte, % (22–44)	24.1	15	24	28.1	11.1	-	5.9	17.3	-
Absolute granulocyte, ×10 ³ /μL (1.4–6.5)	4.25	4.25	3.19	3.19	6.37	-	14.3	4.68	-
Absolute lymphocyte, ×10 ³ /μL (1.2–3.4)	1.56	0.82	1.06	1.2	0.83	-	0.98	1.20	-
Coagulation									
PT (sec)/INR (11.5–14)/(0.91–1.16)	-	-	12.6/1.02	12.7/1.03	12.4/1.00	14.1/1.17	-	13.5/1.11	-
Activated PTT, sec (22.4–33.7)	-	-	-	-	34.2	-	-	-	-
Fibrinogen, mg/dL (224–537)	-	-	-	-	620	-	1,060	-	-
D-dimer, μg/mL FEU (plasma; 0–0.5)	-	-	3.43	3.77	2.69	3.7	4.66	-	-
Ferritin, ng/mL (plasma; 21.8–274.7)	-	-	2,913.8	4,051.3	4,622.2	1,779.9	2,431	-	-
Systemic inflammation/metabolism									
CRP, mg/L (plasma; 0–5.0)	-	-	173.4	224	160.7	28.3	264.5	-	-
Sedimentation rate, mm/hr (0–20)	-	-	-	49	-	-	-	-	-
ANA (serum; < 1:40)	-	-	-	-	-	-	-	< 1:40	-
c-ANCA (serum; < 1:20)	-	-	-	-	-	-	-	< 1:20	-
p-ANCA (serum; < 1:20)	-	-	-	-	-	-	-	< 1:20	-
Metabolism and nutrition									
Hgb A1c, % (4.4–6.4)	9.0	-	-	-	-	-	-	-	-
LDH, U/L (125–220)	-	-	-	-	-	500	634	-	-
CK, IU/L (plasma; 30–200)	-	-	349	321	-	-	59	-	-
Lactic acid (plasma; 0.5–2.2)	-	-	-	-	-	-	0.7	-	-
Vitamin B12, pg/mL (plasma; 213–816)	-	-	-	-	-	1693	-	-	-
Vitamin B1, nmol/L (whole blood; 66.5–200)	-	-	-	-	-	90.8	-	-	-
Vitamin D 25-hydroxy, ng/mL (serum; 30–100)	-	-	-	-	-	16.9	-	-	-
Renal function									
Blood urea nitrogen, mg/dL (serum; 9–25)	25	26	59	70	80	66	77	56	47
Total creatinine, mg/dL (serum; 0.72–1.25)	1.8	2.05	3.55	5.05	6.6	2.94	2.33	1.81	2.3
eGFR, mL/min/1.73 m ² (> 60)	45	39	20	14	10	25	33	45	34
Liver function									
Total bilirubin, mg/dL (0.2–1.2)	0.3	0.9	0.4	0.3	0.2	0.4	2.2	2.2	1.2
Direct bilirubin, mg/dL (0–0.5)	-	0.3	0.3	-	-	0.3	1.9	1.6	-
AST, U/L (5–34)	35	43	83	71	58	138	387	216	124
ALT, U/L (0–55)	32	35	47	40	32	343	571	400	230
Alkaline phosphatase, U/L (40–150)	75	55	47	45	44	311	698	1,257	943
Ammonia, μmol/L (plasma; 18–72)	-	-	-	-	-	48	-	-	-
Infectious disease									
COVID-19 screen PCR (nasopharyngeal swab)	-	Positive	-	-	-	Positive	Positive	Negative	-
Influenza A PCR (nasopharyngeal swab)	-	Negative	-	-	-	-	-	-	-
Influenza B PCR (nasopharyngeal swab)	-	Negative	-	-	-	-	-	-	-
Respiratory syncytial virus (nasopharyngeal swab)	-	Negative	-	-	-	-	-	-	-
MRSA (nares)	-	Negative	-	-	-	-	-	-	-
Hepatitis B (serum)	-	-	-	-	-	-	Not detected	-	-
Hepatitis B surface antigen	-	-	-	-	-	-	Not detected	-	-
Hepatitis C	-	-	-	-	-	-	Not detected	-	-
CMV IgG (serum)	-	-	-	-	-	-	-	Positive	-
CMV IgM (serum)	-	-	-	-	-	-	-	Negative	-
HIV Ab/Ag screen (serum)	-	-	-	-	-	-	Negative	-	-
Aerobic/anaerobic blood cultures	-	No growth at 48 hrs	No growth at 48 hrs	-	-	-	-	-	-
Spinal fluid									
Cell count	-	-	-	5 nucleated cells/μL (99% mono)	-	-	-	-	-
Protein, mg/dL (15–45)	-	-	-	49	-	-	-	-	-
Gram stain/India ink stain	-	-	-	Negative	-	-	-	-	-
Bacterial culture	-	-	-	Negative	-	-	-	-	-
Meningitis/encephalitis panel	-	-	-	Negative	-	-	-	-	-
Fungal culture	-	-	-	No growth × 1 week	-	-	-	-	-
Cryptococcal Ag screen	-	-	-	Negative	-	-	-	-	-
Viral culture	-	-	-	No growth × 1 week	-	-	-	-	-
HSV-1/2 DNA (PCR)	-	-	-	Negative	-	-	-	-	-

WBC: white blood cell, PT: prothrombin time, INR: International Normalized Ratio, PTT: partial thromboplastin time, CRP: C-reactive protein, LDH: lactate dehydrogenase, CK: creatine kinase, ANA: anti-nuclear antibody, c-ANCA: cytoplasmic anti-neutrophil cytoplasmic antibodies, p-ANCA: perinuclear anti-neutrophil cytoplasmic antibodies, eGFR: estimated glomerular filtration rate, AST: aspartate aminotransferase, ALT: alanine transaminase, COVID-19: 2019 novel coronavirus disease, PCR: polymerase chain reaction, MRSA: methicillin-resistant *Staphylococcus aureus*, CMV: cytomegalovirus, HIV: human immunodeficiency virus, HSV: *Herpes simplex* virus.