

Supplementary material

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Supplementary material. Pubmed serch syntax

("extracorporeal membrane oxygenation"[MeSH Terms] OR ("extracorporeal"[All Fields] AND "membrane"[All Fields] AND "oxygenation"[All Fields]) OR "extracorporeal membrane oxygenation"[All Fields] OR "ecmo"[All Fields]) AND ("COVID-19"[All Fields] OR "COVID-2019"[All Fields] OR "severe acute respiratory syndrome coronavirus 2"[Supplementary Concept] OR "severe acute respiratory syndrome coronavirus 2"[All Fields] OR "2019-nCoV"[All Fields] OR "SARS-CoV-2"[All Fields] OR "2019nCoV"[All Fields] OR (("Wuhan"[All Fields] AND ("coronavirus"[MeSH Terms] OR "coronavirus"[All Fields])) AND (2019/12[PDAT] OR 2020[PDAT])))).

Table S1. Laboratory parameters measured on admission of the patient treated with ECMO.

Variable	On admission	Reference range
Red-cell count (RBC) ($10^6/\mu\text{l}$)	4.87	(4.7 - 6.1)
Mean corpuscular volume (MCV) (fl)	87.1	(81.0 - 94.0)
Hematocrit (Hct) (%)	42.4	(42.0 - 52.0)
Hemoglobin (Hb) (g/dl)	14.7	(14.0 - 17.0)
White-cell count (WBC)	4.05	(4.50 - 10.00)
Differential count (absolute number)		
Neutrophils ($10^3/\mu\text{l}$)	3.2	(1.90 - 7.00)
Lymphocytes ($10^3/\mu\text{l}$)	0.57	(0.90 - 5.00)
Monocytes ($10^3/\mu\text{l}$)	0.25	(0.20 - 0.80)
Eosinophils ($10^3/\mu\text{l}$)	0	(0.04 - 0.54)
Basophils ($10^3/\mu\text{l}$)	0.01	(0.00 - 0.20)
Immature granulocytes ($10^3/\mu\text{l}$)	0.02	(0.00 - 0.09)
Platelet count (Plt) ($10^3/\mu\text{l}$)	133	(150 - 400)
Sodium (mmol/l)	131	(135 - 145)
Potassium (mmol/l)	2.96	(3.50 - 5.30)
Chloride (mmol/l)	96	(97 - 107)
Glucose (mg/dl)	112	-
Albumin (g/dl)	2.85	(3.50 - 5.20)
Total protein (g/dl)	5.13	(6.40 - 8.30)
eGFR (MDRD)	99	(60 -)
Urea (mg/dl)	24	(17 - 49)
Lactate (mmol/l)	1.3	(0.9 - 1.7)
C-reactive protein (CRP) (mg/L)	262.5	
Procalcitonin (ng/ml)	1.22	(- 0.5)
Lactate dehydrogenase (LDH) (U/l)	1268	(135 - 225)
Hepatitis C virus antibody	positive	negative
Influenza A and B	negative	negative
HIV	negative	negative
Hepatitis B surface antigen (HbsAg)	negative	negative
Alanine aminotransferase (ALT) (U/l)	28	(5 - 41)
Aspartate aminotransferase (AST) (U/l)	63	(5 - 37)
Gamma-glutamyltransferase (GGT) (U/L)	98	(8 - 61)
Glutamate dehydrogenase (GDH) antigen in stool	negative	negative
Rotavirus/Adenovirus antigen in stool	negative	negative

Figure S1. Chest X-ray taken o admission showing massive bilateral pulmonary consolidations in peripheral and lower zones and no pleural effusion



Figure S2. CT scan of the chest on the 5th hospital day - massive bilateral consolidation with peripheral zones of ground-glass opacities and crazy paving sign especially in subpleural area and bilateral pleural effusion can be seen.

