

Supplementary Table 1 Criteria for hemoperfusion

Variable
1. Adults \geq 18 years
2. Oxygen saturation (SPO ₂) \leq 86% on admission or respiratory rate \geq 30 with IMV or NIMV, high-flow cannula
3. Diffuse bilateral pulmonary opacities
4. Hospitalization days \leq 14 from the onset of signs and symptoms.
5. 48 hours of the inflammatory process
6. Dysfunction of 2 organs.
7. CRP greater than 10 mg/L
8. Ferritin greater than 500
9. IL greater than 1000
10. D-dimer greater than 1000
11. Absolute lymphopenia less than 1000
12. Acute respiratory distress syndrome
13. Vasopressors
14. APACHE II under 30

Supplementary Table 2 Additional clinical features of our case series.

Variable	% (No)
Symptoms of COVID-19	
Fever	61.11 % (n=11)
Cough	77.77 % (n=14)
Dyspnea	100 % (n=18)
Muscle pain	66.66 % (n=12)
Fatigue	94.44 % (n=17)
Anosmia	33.33 % (n=6)
Ageusia	27.77 % (n=5)
Diarrhea and vomiting	16.66 % (n=3)
Antibiotics	100% (18)
Ceftriaxone	72.22 % (n=13)
Meropenem	44.44 % (n=8)
Levofloxacin	61.11 % (n=11)
Other	33.33 % (n=6)
Corticosteroids	100% (18)
Dexametasone	44.44 % (n=8)
Hydrocortisone	33.33 % (n=6)
Other	27.77 % (n=4)

ARDS: Acute respiratory distress syndrome; APACHE II: Acute Physiology and Chronic Health Evaluation II.