

SUPPLEMENTARY MATERIAL

Supplementary Table. Blood Gas Values, Respiratory Mechanics and Procalcitonine Levels During ICU Stay.

Variables	Day of ICU Stay																				
	1	4	6	7	10	12	13	14	16	17	18	19	20	21	23	24	27	30	32	39	40
ECMO																					
FiO2	-	-	100	100	100	100	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-
MV																					
FiO2	50	90	40	40	40	40	40	40	60	60	60	80	60	60	40	40	40	40	40	-	-
TV	-	-	250	250	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paw	70	70	50	50	44	44	37	40	80	53	47	43	43	-	-	43	-	-	-	-	-
Raw	40	50	50	50	30	36	30	28	50	36	33	20	16	16	22	20	8	<15	<15	-	-
iPEEP	15	16	12	12	6	11	8	6	11	10	9	9	-	-	-	-	-	-	-	-	-
Pplat	-	-	27	22	14	16	21	20	24	17	22	23	29	21	24	23	-	16	16	-	-
ABG																					
pH	7.19	7.30	7.40	7.34	7.40	7.46	7.48	7.42	7.39	7.20	7.32	7.32	7.37	7.43	7.47	7.43	7.43	7.48	7.48	7.43	7.45
PaO2	156	70	-	89	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PaCO2	74	82	67	81	60	62	51	53	62	80	56	55	52	45	42	45	45	40	40	42	37
PCT	-	-	-	-	-	-	-	-	-	1.46	2.63	4.41	4.28	-	-	-	-	-	-	-	-

ABG denotes arterial blood gas; ECMO extracorporeal membrane oxygenation; FiO2 fraction of inspired oxygen, %; ICU Intensive Care Unit; iPEEP intrinsic positive end expiratory pressure, cm H2O; MV mechanical ventilation; PaCO2 partial pressure of CO2, mm Hg; PaO2 partial

pressure of oxygen, mm Hg; Paw airway pressure, cm H₂O/L/sec; PCT procalcitonine, ng/ml; Pplat plateau pressure, cm H₂O; Raw airway resistance, cm H₂O/L/sec; TV tidal volume, ml/kg IBW (ideal body weight). ECMO was initiated on day 4 and was discontinued on day 14. Day 12, administration of first dose of reslizumab. Day 16, start of empirical treatment with broad-spectrum antibiotherapy. No microorganisms were isolated at any time in microbiological samples (BAS, BAL, blood, urine).