

Electronic Supplementary Material. Clinical characteristics of the patients included in the study. LOS=length of stay. M=male. F=female. Corticosteroid therapy: DX=dexamethasone; MP=methylprednisolone; PR=prednisone. CI=continuous infusion. D=day

Patient	Age	Sex	APACHE-II	Covid-19 evolution day at the moment of ICU admission	ICU evolution day at the moment of assessment	Days of mechanical ventilation	ICU LOS	Hospital LOS	Time to negative SARS-CoV-2 PCR test	Hospital outcome	Corticosteroid therapy
1	56	M	13	8	33	27	52	79	54	Survived	DX 7.2 mg/24 h, 22 days (D0-D22) MP 500 mg/24 h, 3 days (D23-D25); followed by 1 mg/Kg CI, 11 days (D26-D37); then 0.5 mg/Kg CI, 7 days (D38-D45); then 20 mg/24 h, 6 days (D46-D52) On corticosteroid therapy at ICU discharge
2	67	M	21	15	61	68	69	69	51	Not survived	DX 7.2 mg/24 h, 10 days (D0-D10); followed by 4 mg/24 h, 5 days (D11-D16) MP 10 mg/12h, 11 days (D17-D28); followed by 10 mg/24 h, 21 days (D29-D50); then 5 mg/24 h, 15 days (D51-D66)
3	79	F	21	16	24	17	26	45	27	Survived	DX 7.2 mg/24 h, 7 days (D0-D7); followed by 3.6 mg/24h, 2 days (D8-10) PR 10 mg/24 h, 15 days (D11-D26) On corticosteroid therapy at ICU discharge
4	76	M	20	13	20	24	43	63	34	Survived	DX 7.2 mg/24 h, 10 days (D0-D10)
5	67	F	18	1	38	40	69	97	25	Survived	DX 7.2 mg/24 h, 10 days (D0-D10) MP 2 mg/Kg CI, 2 days (D27-D29); followed by 1 mg/Kg CI, 15 days (D30-D45); then 0.5 mg/Kg CI, 7 days (D46-D52)
6	68	M	12	3	34	54	72	122	51	Survived	DX 7.2 mg/24 h, 10 days (D0-D10)
7	70	M	16	9	63	51	72	77	21	Not survived	DX 7.2 mg/24 h, 10 days (D0-D10) MP 500 mg/24 h, 3 days (D19-D21); followed by 1 mg/Kg CI, 14 days (D22-D36); then 0.5 mg/Kg CI, 7 days (D37-D44) PR 10 mg/24 h, 7 days (D45-D52); followed by 5 mg/24 h, 7 days (D53-D60); then 2.5 mg/24 h, 7 days (D61-68)
8	78	F	24	2	18	25	28	34	34	Survived	DX 7.2 mg/24 h, 10 days (D0-D10) MP 20 mg/24 h, 17 days (D11-D28) On corticosteroid therapy at ICU discharge (chronic)
9	24	M	20	4	23	105	125	139	26	Survived	MP 500 mg/24 h, 3 days (D0-D3) DX 7.2 mg/24 h, 10 days (D7-D17) MP 500 mg/24 h, 3 days (D106-D109); followed by 1 mg/Kg CI, 15 days (D110-125) On corticosteroid therapy at ICU discharge
10	70	M	15	6	22	83	91	110	30	Survived	DX 7.2 mg/24 h, 10 days (D0-D10) MP 1 mg/Kg CI, 4 days (D20-D24); followed by 2 mg/Kg CI, 11 days (D25-D36); then 1 mg/Kg CI, 8 days (D37-D45); then 20 mg/8 h, 21 days (D46-D67); then 20 mg/12 h, 23 days (D68-D91) On corticosteroid therapy at ICU discharge