

Clinical data of COVID-19 severe acute patients included in the study

Patient	Gender	Age	Symptoms	RT-qPCR (Swab)	Comorbidities	D-dimer (µg/ml)	C-Reactive Protein (mg/dL)	Neutrophil/Lymphocyte (NLR)	Respiratory status	Clinical classification	Hospitalization (Days)	Outcome
P#1	Male	61	Fever, Cough, Shortness of breath, Rash	Positive	Hypertension, Diabetes, Obesity, Rheumatoid arthritis	2520	30.6	21.75	Mechanical ventilation	Severe	18	Death
P#2	Female	70	Acute viral nasopharyngitis, Nosebleed	Positive	Hypertension, Diabetes, Coronary disease, Acute myocardial infarction	4000	9.4	15.45	Oxygen therapy	Severe	16	Death
P#3	Female	73	Headache	Positive	Hypertension, Diabetes, Obesity, Coronary disease	2070	36.0	138.12	Mechanical ventilation	Severe	9	Death
P#4	Male	75	Fever, Cough, Shortness of breath, Distress	Positive	Hypertension, Diabetes, Obesity, Coronary disease	2090	42.0	29.00	Mechanical ventilation	Severe	198	Death
P#5	Male	84	Fever, Cough, Shortness of breath, Distress, Diarrhea, Neurologic alterations, Altered state of consciousness	Positive	Hypertension, Diabetes, Coronary disease, Chronic obstructive pulmonary disease	ND	ND	ND	Oxygen therapy	Severe	7	Death
P#6	Female	73	Fever, Cough, Acute viral nasopharyngitis, Shortness of breath	Positive	Hypertension, Diabetes	690	47.9	3.60	Mechanical ventilation	Severe	31	Death
P#7	Female	86	Shortness of breath, Altered state of consciousness, Muscle/joint pain	Positive	Hypertension, Diabetes, Obesity, Coronary disease, Kidney disease	8650	25.8	13.30	Mechanical ventilation	Severe	44	Death
P#8	Female	71	Cough, Shortness of breath, Diarrhea	Positive	Leukemia, Cardiomegaly	3990	40.5	1.02	Mechanical ventilation	Severe	20	Death
P#9	Female	55	Fever, Cough, Acute viral nasopharyngitis, Shortness of breath	Positive	Hypertension, Obesity	11000	13.5	4.29	Mechanical ventilation	Severe	50	Hospital discharge
P#10	Male	72	Fever, Cough, Smell and/or taste loss, Shortness of breath, Distress, Muscle/joint pain	Positive	Hypertension, Diabetes, Obesity, Coronary disease	1610	46.1	16.4	Oxygen therapy	Severe	19	Death
P#11	Male	64	Fever, Cough, Fatigue, Headache, Muscle/joint pain	Positive	Hypertension, Obesity	1590	19.9	11.30	Oxygen therapy	Severe	10	Death
P#12	Male	63	Fever, Nausea, Cough, Shortness of breath, Diarrhea, Muscle/joint pain	Positive	Hypertension	ND	ND	ND	Mechanical ventilation	Severe	89	Hospital discharge
P#13	Female	77	Fever, Cough	Positive	Hypertension, Obesity	1510	18.2	3.45	Mechanical ventilation	Severe	7	Death
P#14	Male	76	Shortness of breath, Fatigue, Muscle/joint pain	Positive	Hypertension, Diabetes, Cancer, Coronary disease,	ND	ND	ND	Mechanical ventilation	Severe	30	Death
P#15	Female	81	Shortness of breath, Altered state of consciousness	Positive	Hypertension, Diabetes, Obesity	ND	8.8	4.22	Oxygen therapy	Severe	36	Death
P#16	Male	49	Fever, Cough, Headache, Diarrhea, Shortness of breath	Positive	Hypertension, Diabetes, Obesity	885	17.8	1.80	Mechanical ventilation	Severe	35	Death
P#17	Male	93	Shortness of breath	Positive	Prostatic hyperplasia	ND	22.8	14.33	Mechanical ventilation	Severe	1	Death
P#18	Female	55	Fever, Cough, Acute viral nasopharyngitis, Muscle/joint pain, Acute kidney failure	Positive	Hypertension, Diabetes, Obesity	11000	13.5	4.29	Mechanical ventilation	Severe	50	Hospital discharge
P#19	Male	67	Fever, Smell and/or taste loss, Shortness of breath	Positive	Diabetes, Prostate cancer	1180	41.0	17.20	Mechanical ventilation	Severe	71	Hospital discharge
P#20	Female	64	Acute viral nasopharyngitis, Altered state of consciousness, Distress, Muscle/joint pain	Positive	Hypertension	2670	27.4	15.20	Mechanical ventilation	Severe	NI	Death
P#21	Male	59	Fever, Cough, Headache, Shortness of breath, Muscle/joint pain	Positive	Hypertension, Diabetes, Emphysema, Bronchitis, Asthma	885	39.7	5.50	Mechanical ventilation	Severe	9	Death
P#22	Female	18	Fever, Cough, Shortness of breath	Positive	Obesity	ND	9.8	8.77	Mechanical ventilation	Severe	11	Hospital discharge