

## § Fuencovid study group:

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**Table S1.** Study variables \*.

Variable	Description	Units (International System), If Applicable
<b>Epidemiological Data</b>		
Age	Patient's age at the time of admission	years
Gender	M or F	
Place of birth	Caucasian, Sub-Saharan, North African, Asian, Latin American.	
Nursing home	Patient comes from a nursing home yes or not	
<b>Medical history</b>		
BMI	Measure of body fat that results from dividing the weight by the height	kg/m <sup>2</sup>
HBP	Yes or not	
DM	Diabetes mellitus (any type) yes or not	
Cardiopathy	Ischemic heart disease or heart failure yes or not	
Smoker	Active smoker until admission	
COPD	Yes or not	
Asthma	Yes or not	
Hematological disease	Any malignant haematological disease	
Oncological disease	Any solid oncological disease	
Autoimmune disease	Any	
HIV	Confirmed HIV infection: yes or not	
Dementia	Yes or not	
Charlson	Charlson comorbidity index: predicts 10-year survival in patients with multiple comorbidities.	
Type of vaccine	Type of vaccine received against SARS-CoV-2 infection: BNT162b2 mRNA (Pfizer/BioNTech), mRNA-1273 (Moderna), ChAdOx1 nCoV-19/AZD1222 (AstraZeneca/Oxford), Ad26.COV2.S (Janssen)	
Vaccination	Vaccinated: - BNT162b2 mRNA: two-dose schedule 21 d apart. - mRNA-1273: two-dose schedule 28 d apart. - ChAdOx1 nCoV-19/AZD1222: two-dose schedule 56-84 d apart. - Ad26.COV2.S: single dose. 14 d period after second dose is required to considered patient complete vaccinated. Not vaccinated: patient has not received any vaccine dose or received an incomplete schedule or after receiving the complete schedule started with COVID-19 symptoms before 14 d apart from the last dose	
<b>Radiological findings</b>		
Initial chest radiography	No pneumonia Unilateral pneumonia Bilateral pneumonia	
<b>Clinical evolution</b>		
Severity	Severity of COVID-19 infection classified at discharge Mild: no pneumonia Moderate: pneumonia in the absence of severity criteria Severe: oxygen saturation less than 93%, tachypnea or radiological extension of pneumonia greater than 50%	
Highest oxygen requirements	Highest oxygen support needed during admission in the hospital ward (ICU not included): not oxygen, VM 28%, VM 31%, VM 35%, VM 50%, NRB 100%	
ICU admission	Yes/No	
Death in hospital	Yes/No	

Hospital stay	From hospital admission to discharge	days
ICU stay	From ICU admission to discharge	days
Death at one month	Whether the patient is death one month after the discharge or not	
<b>Laboratory test</b>		
Highest CRP	Highest CRP value during admission	mg/dL
Highest IL-6	Highest IL-6 value during admission	pg/mL
Highest IL-6 pre-treatment with tocilizumab	Highest IL-6 pre-treatment with tocilizumab during admission	pg/mL
Lowest lymphocyte value	Lowest lymphocyte value during admission	lymphocytes/mcL
Highest DD	Highest DD value during admission	ng/mL
Highest LDH	Highest LDH value during admission	ng/mL
Highest ferritin	Highest ferritin value during admission	ng/mL
<b>Treatments</b>		
Remdesivir	Whether the patient received it or not	
Tocilizumab	Whether the patient received it or not	
Imatinib	Whether the patient received it or not	
Baricitinib	Whether the patient received it or not	
Anakinra	Whether the patient received it or not	
Low-molecular-weight heparin	Whether the patient received it or not	
Corticosteroids	Whether the patient received it or not	

\*BMI: body mass index; HBP: high blood pressure; DM: diabetes mellitus; COPD: chronic obstructive pulmonary disease; HIV: human immunodeficiency virus; SARS-CoV-2: severe acute respiratory syndrome coronavirus 2; ICU: intensive care unit; VM: venturi mask; NRB: non-rebreather mask; CRP: C-reactive protein; IL-6: interleukin-6; DD: D-dimer; LDH: lactate dehydrogenase.

**Table S2.** Type of vaccine in the fully vaccinated cohort\*.

Vaccine	Vaccinated
BNT162b2 mRNA (Pfizer/BioNTech)	61 (79.2)
mRNA-1273 (Moderna)	3 (3.9)
ChAdOx1 nCoV-19/AZD1222 (AstraZeneca/Oxford)	7 (9.1)
Ad26.COV2.S (Janssen)	6 (7.8)
Total	77/77 (100.0)

\*Values are no. (%).