

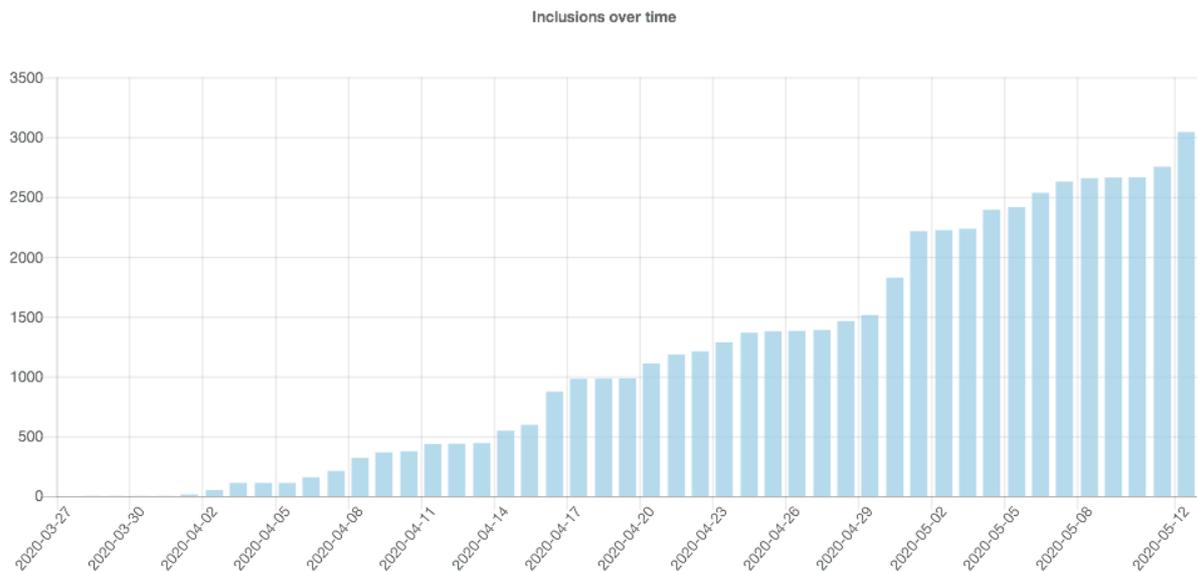


CAPACITY DATA REPORT

12th of May 2020

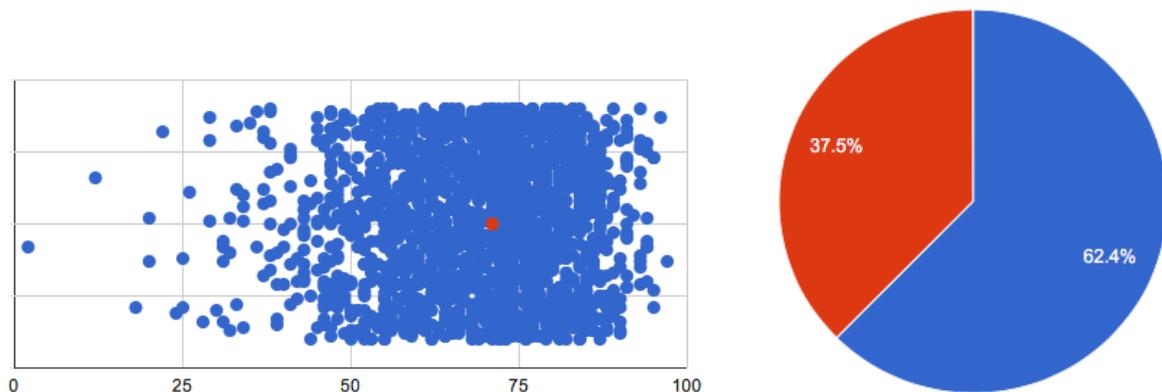
Inclusion Rate

Between the launch of the registry on the 23rd of March and May 12th, 3044 patients have been included in CAPACITY. Currently, follow-up until discharge is available for 1720 patients. In 93.4% of patients, COVID-19 was laboratory confirmed during hospital admission.

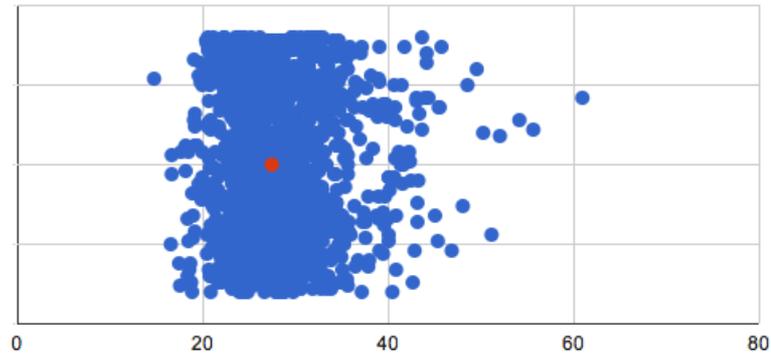


Baseline characteristics

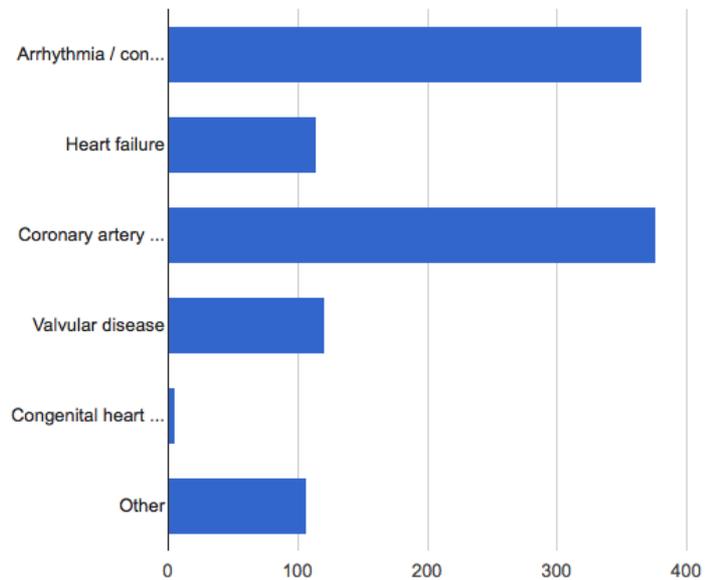
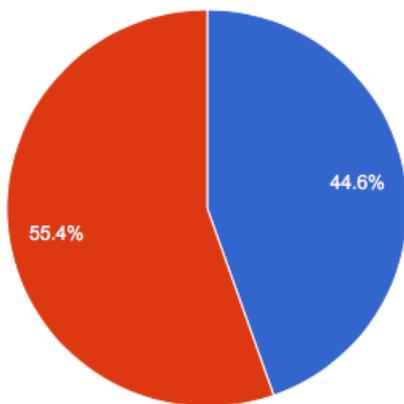
The median age is 71 years (IQR 60 – 78 years) (left figure) and 62.4% in male (right figure).



Most patients admitted are overweight with a mean BMI of 28.1 (range 14.7-60.9).

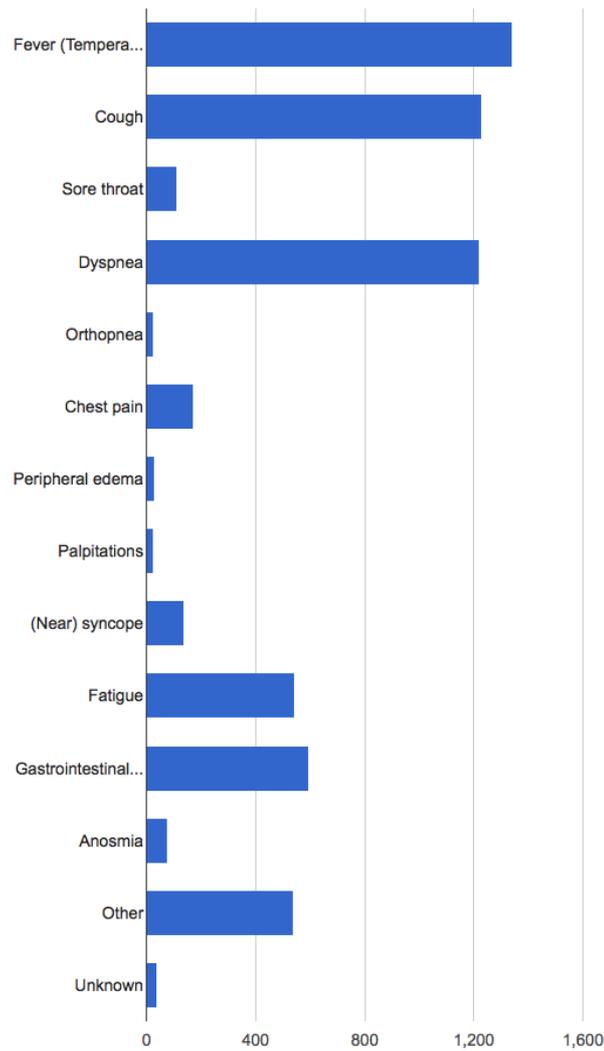


Of all patients, 39.8% had known hypertension, 25.2% diabetes mellitus, 41.5% dyslipidaemia, 11.9% chronic kidney disease and 14.3% COPD. 44.6% had pre-existing cardiac disease (left figure), with coronary artery disease (46.5%) and arrhythmia's/conduction disorders (45.2%) being most common (right figure).



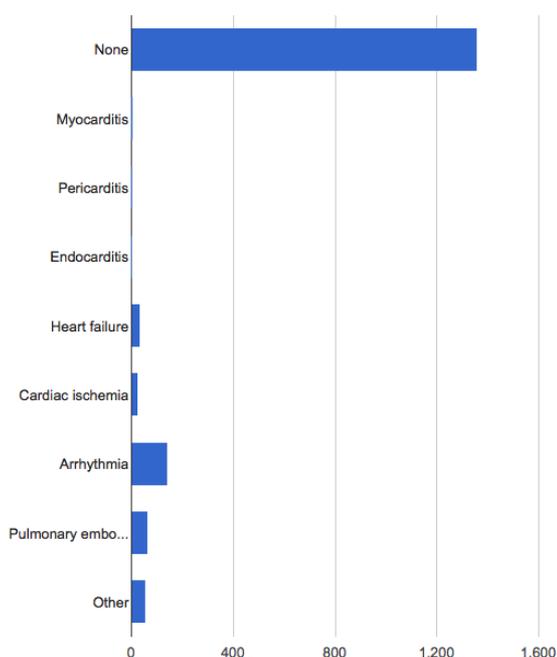
Symptoms at admission

The most common complaints at presentation are fever (72.9%), cough 67.0%, dyspnoea (66.3%) and gastrointestinal symptoms (32.4%).



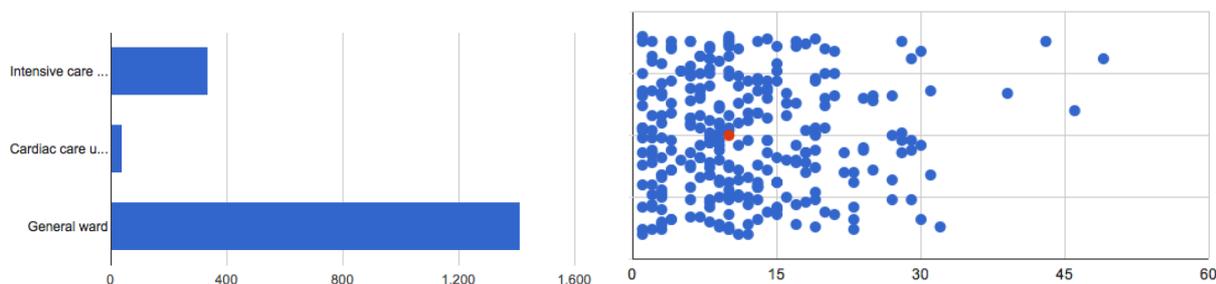
Cardiac complications during admission

Overall, cardiac complications occur infrequently in hospitalized patients with COVID-19, despite the large proportion of patients with pre-existing cardiac disease. Among complications subtypes arrhythmia's occur most frequently (8.6%). Serious cardiac complications are uncommon: myocarditis 0.4%, pericarditis 0.3%, endocarditis 0.2%, heart failure 2.0% and cardiac ischaemia 1.5%. 82.6% developed no cardiac complications. Pulmonary embolisms were diagnosed in 3.9% of patients.



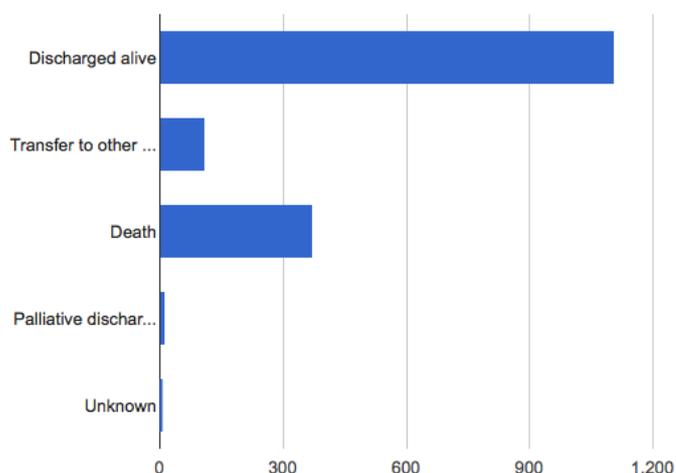
Hospitalization

During hospitalization, 20.8% of patients required admission to the MC/ICU (left figure) with a median stay of 10 days (IQR 6 – 16 days)(right figure).



Outcome at discharge

In total, 23.9% of patients died during admission or were discharged with palliative care. Among patients that died, the primary cause of death was of cardiac origin in 4.1% of cases.



Caveats

Please note, CAPACITY is a patient registry in which data are collected during admission or retrospectively after discharge. For centres that collect data prospectively, there may be a lag of available data for patients that are still hospitalized. Additionally, there is an enrichment of cardiology patients in CAPACITY, as some centres do not include all COVID-19 patients, but a selection of patients (for example patients for which the department of cardiology has been consulted). Furthermore, the completeness and quality of the data are assessed on a regular basis and this is an ongoing process. We urge caution when interpreting the results displayed in this data report and these outcomes should not be used for clinical decision making, prior to a peer-reviewing process. In case you wish to use the data displayed in this report, please contact us via info@capacity-covid.eu

Acknowledgements

This report is made possible through all the efforts of the research professionals that collect data at participating sites. For a list of all collaborators please see our website: <https://capacity-covid.eu/for-professionals/> under the tab “Participating centers”.