

**Cystic Fibrosis and SARS-CoV-2 patients:
A report from the Italian Cystic Fibrosis Registry Questionnaire
(February – July 2020 period)**

The questionnaire was on July 15th to all Italian Cystic Fibrosis (CF) Centers (N=29), to get information on the current number of Italian CF patients resulted SARS-CoV-2 positive and on their clinical situation.

The questionnaire was built to collect anonymously the following data of CF/COVID-19 patients: total number per center; median of age of patients; prevalence of gender; status of COVID-19 illness (died; ongoing; recovered at home or in hospital; unknown); clinical severity. In the present report the Centers reporting affected patients are indicated with a progressive number (from 1 to 9).

A total of **21 CF** patients resulted SARS-CoV-2 positive in the February-July 2020 period. Figure 1 shows SARS-CoV-2 positive patient's distribution per month. No cases of Covid-19 infections were reported by centers in July.

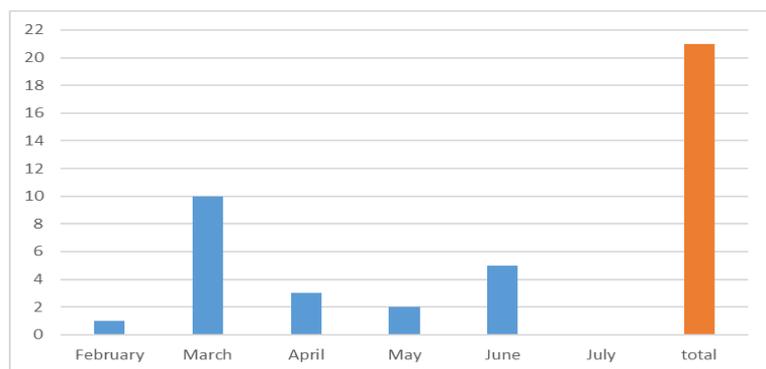


Figure 1

SARS-CoV-2 positive CF patients were from **9 different Centers**. Seven Centers (N of Patients=16) were in Northern Italy regions (including North-West and North East); two Centers (N of Patients=5) were in the South Italian regions (*definition by ISTAT*).

Figure 2 shows the distribution of patients per center, by median age of patients (exact age in case of one patient) and prevalence of sex.

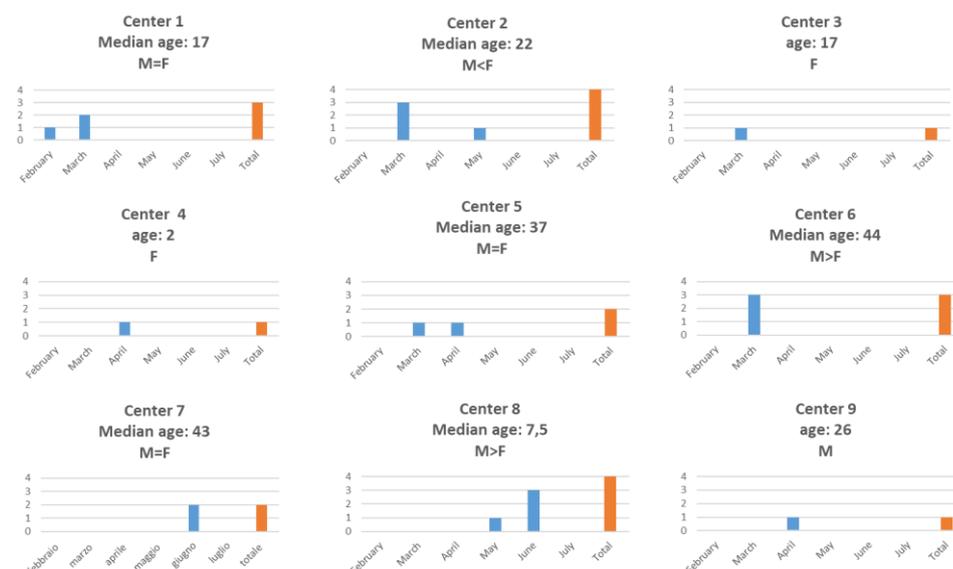


Figure 2

SARS-Cov-2 infection was diagnosed by nasopharyngeal swab and RT-PCS (11 cases), by nasopharyngeal swab and anti-SARS-CoV-2 antibodies (8 cases) and by serology (2 case). Patients were generally oligo – to asymptomatic with mild respiratory symptoms: 76,2% of patients (N=16) were treated at home; 23,8% (N=5) were hospitalised. No patient needed ICU.

All patients had recovered at the date of the answer to the questionnaire (July 31st 2020).

An update of the questionnaire will be request on August 2020.