

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

The questionnaire was sent twice (on April 16th and on May 2nd 2020) 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 6).

A total of **26/29 centers** (89,65%) answered the questionnaire; 13 CF patients resulted SARS-CoV-2 positive in the February-May 2020 period. Figure 1 shows SARS-CoV-2 positive patient's distribution per month.

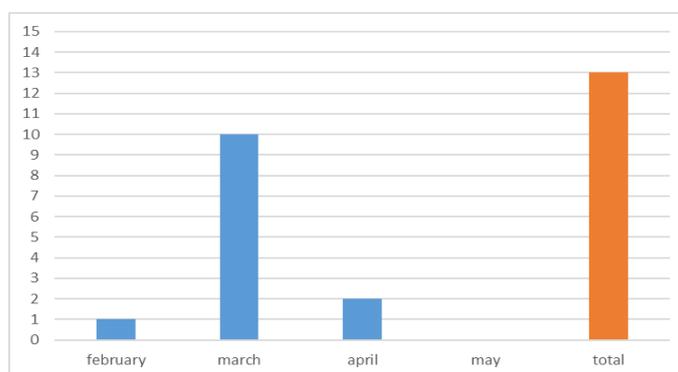


Figure 1

SARS-CoV-2 positive CF patients were from **6 different Centers**. All the Centers were in Northern Italy regions (including North-West and North East) (*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.

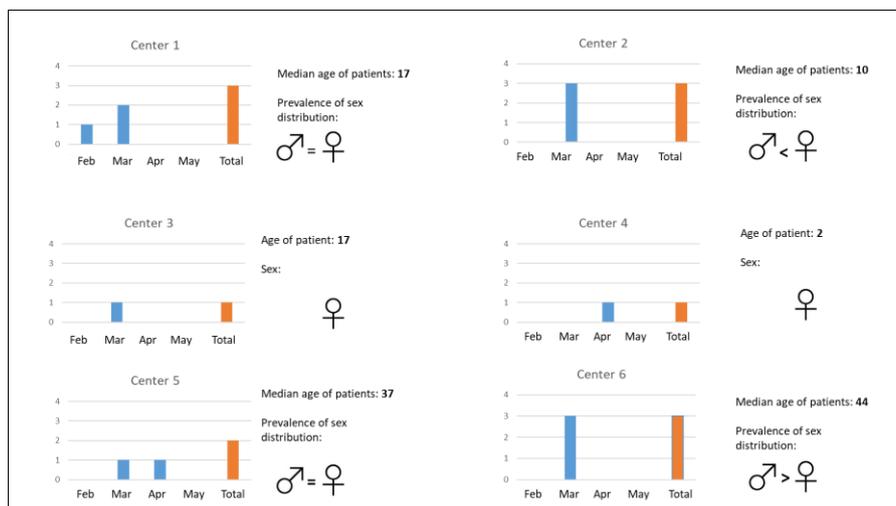


Figure 2

SARS-Cov-2 infection was diagnosed by nasopharyngeal swab and RT-PCS (10 cases), by nasopharyngeal swab and anti-SARS-CoV-2 antibodies (2 cases) and by serology (1 case). Patients were generally oligo – to asymptomatic with mild respiratory symptoms: 61,5% of patients (N=8) were treated at home; 38,5% (N=5) were hospitalised. No patient needed ICU.

Eleven patients had recovered at the date of the answer to the questionnaire (May 15th 2020). Two patients were still COVID-19 positive.

An update of the questionnaire will be request on the first days of June 2020.