

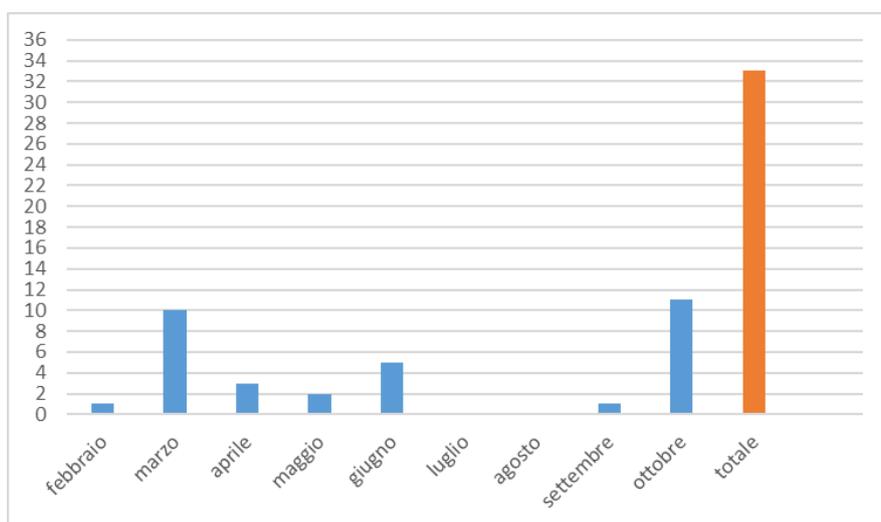
**Cystic Fibrosis and SARS-CoV-2 patients:**  
**A report from the Italian Cystic Fibrosis Registry Questionnaire**  
**(February – October 2020 period)**

The questionnaire was sent to all Italian Cystic Fibrosis (CF) Centers (N=29) on October, 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 14).

A total of **33 CF** patients resulted SARS-CoV-2 positive in the February – October 2020 period. Figure 1 shows SARS-CoV-2 positive patient's distribution per month.

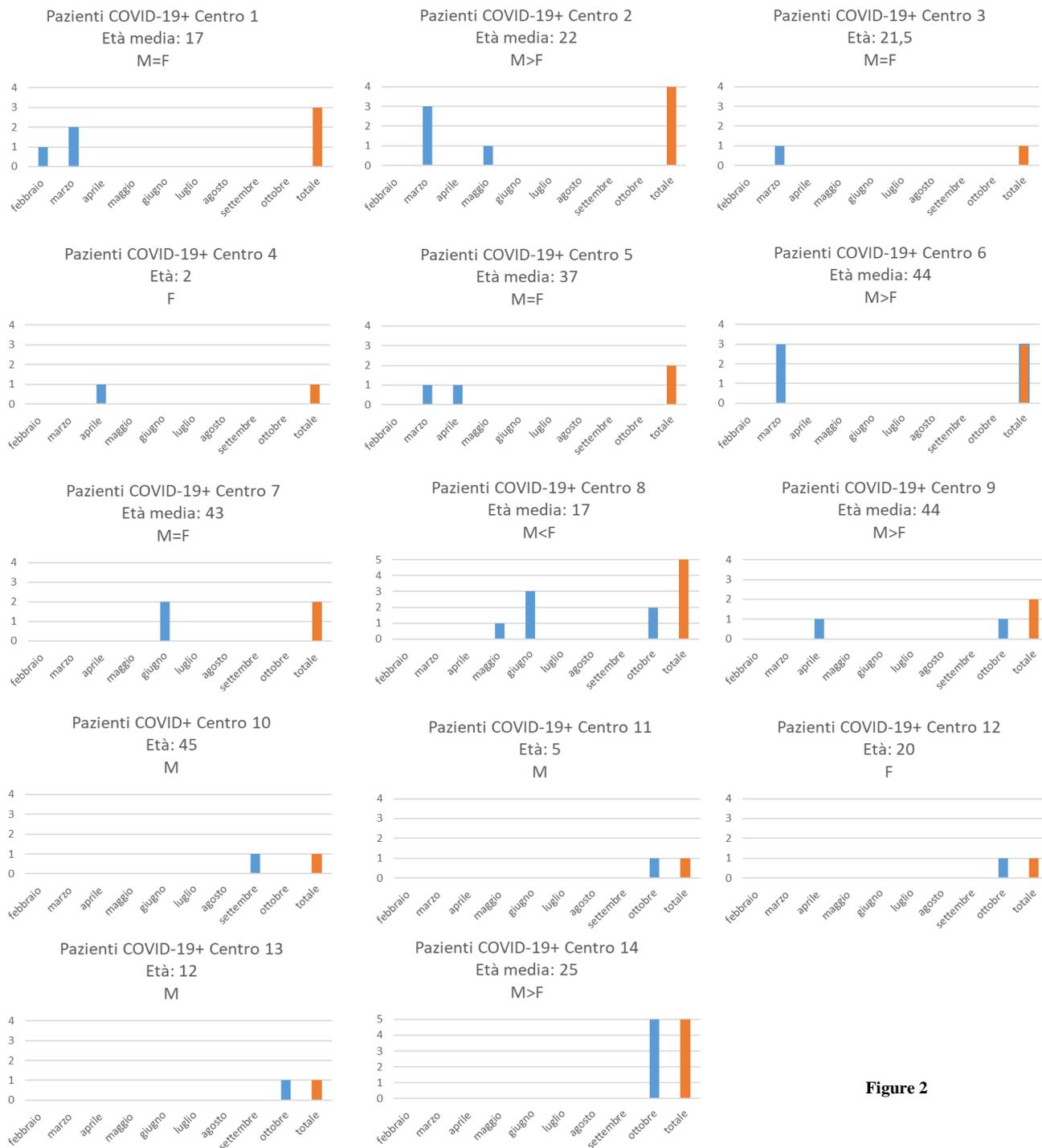
A total of 11 new Covid-19 infections cases were diagnosed in October.



**Figure 1**

SARS-CoV-2 positive CF patients were from **14 different Centers**. Seven Centers (N of Patients=16) were in Northern Italy regions (including North-West and North East); two Centers (N of Patients=6) were in the Center Italian Regions and 5 Centers (N of Patients=11) 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**

Median age of patients was from 2 (Center 4) and 45 (Center 10) years. **SARS-Cov-2 infection** was diagnosed by nasopharyngeal swab and RT-PCS (31 cases), and by serology (2 case). Patients were generally oligo – to asymptomatic with mild respiratory symptoms: 78,8% of patients (N=26) were treated at home; 21,2% (N=7) were hospitalised. No patient needed ICU.

**All patients** had recovered at the date of the answer to the questionnaire (Oct 31<sup>st</sup> 2020).

**Scientific committee RIFC:** M. Salvatore, R. Padoan, D. Salvatore, S. Quattrucci, V. Carnovale, G. Floridia, G. Puppo Fornaro, D. Taruscio  
**Technical committee RIFC:** A. Amato, G. Campagna, F. Majo, G. Ferrari