

Peer Review File

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Reviewer A

Comment 1: It would be interesting for the authors to mention in the text and include in Table 1 the total number of beds available in each ward and the corresponding percentage of COVID BEDS currently in AOUP.

Reply 1: Total number of beds available in each ward has been added in the text and in Table 1.

Changes in the text 1: Table 1

Comment 2: In line 39, the authors mention the high incidence of patients carrying the SARS-CoV-2 virus, but they do not show the number of this incidence, nor the percentage of asymptomatic and paucisymptomatic patients hospitalized for other pathologies. It would be interesting to mention such data and explain why such number and percentage of beds in each ward were chosen to patients infected by COVID.

Reply 2. Percentage data of COVID positive patients and COVID symptomatic patients has been added in the text

Changes in the text 2: Lines 49-52

Comment 3: Another suggestion would be to include AOUP admission data of patients infected and uninfected with COVID-19, how many of them have severe and non-severe respiratory disease.

Reply 3: Information has been added in the text

Changes in the text 3: Lines 49-52

Comment 4: It is also interesting to mention how others hospitals could calculate the required percentage of COVID beds to their facilities.

Reply 4: Information has been added in the text

Changes in the text 4: Lines 56-59

Comment 5: To change the writing to SARS-CoV-2 in lines 40, 46, 50, 65, 67, 72, 74, 78, 79.

Reply 5: Corrections have been done

Changes in the text 5: All the text

Comment 6: The title does not reflect what was carried out in the study. I suggest to change "Application" for "Management".

Reply 6: Correction has been done

Changes in the text 6: Title

Reviewer B

Comment 1: Line 3/title: asyntomatic instead of asymptomatic

Reply 1: Correction has been done

Changes in the text 1: Title

Comment 2: Line 23: asyntomatic/paucisymptomatic instead of asymptomatic/paucisymptomatic

Reply 2: Correction has been done

Changes in the text 2: line 23

Comment 3: Line 32: [...] and the institutions of low and intermediate cares avoiding hospital overcrowding [...]- I don't understand this sentence. Do the authors mean that the institutions were concerned about hospital overcrowding?

Reply 3: Hospital overcrowding was evaluated during the last COVID pandemic waves (November 2020 – June 2021). In this period we allowed the activation of the low and intermediate cares avoiding this risk. Reference 2 describes this experience.

We think that the word “institutions” is a mistake. Sentence has been rewritten.

Changes in the text 3: lines 43-48

Comment 4: Line 40/41: What is an epidemiological stability in hospital?

Reply 4: It has been changes in a more clear sentence

Changes in the text 4: line 43

Comment 5: Line 42: [...] was reached in a short times, [...]- in a short time.

Reply 5: Correction has been done

Changes in the text 5: line 42

Comment 6: Line 58: You placed the term COVID micro-areas without further explanation. What is a COVID micro-area? How would you define it?

Reply 6: COVID microarea definition has been added in the text

Changes in the text 6: lines 75-76