

PHARMACEUTICAL INTERVENTIONS IN HOSPITALIZED PATIENTS DURING THE FIRST WAVE OF SARS-COV-2 PANDEMIC

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BACKGROUND

The activity of Pharmacy Services increased during the first wave of SARS-Cov-2 pandemic. An example of this is the activity carried out during the validation of inpatient treatments.

OBJECTIVES

To evaluate pharmaceutical interventions carried out in a second level hospital during the pandemic and compare them with those of the same period of the previous year.

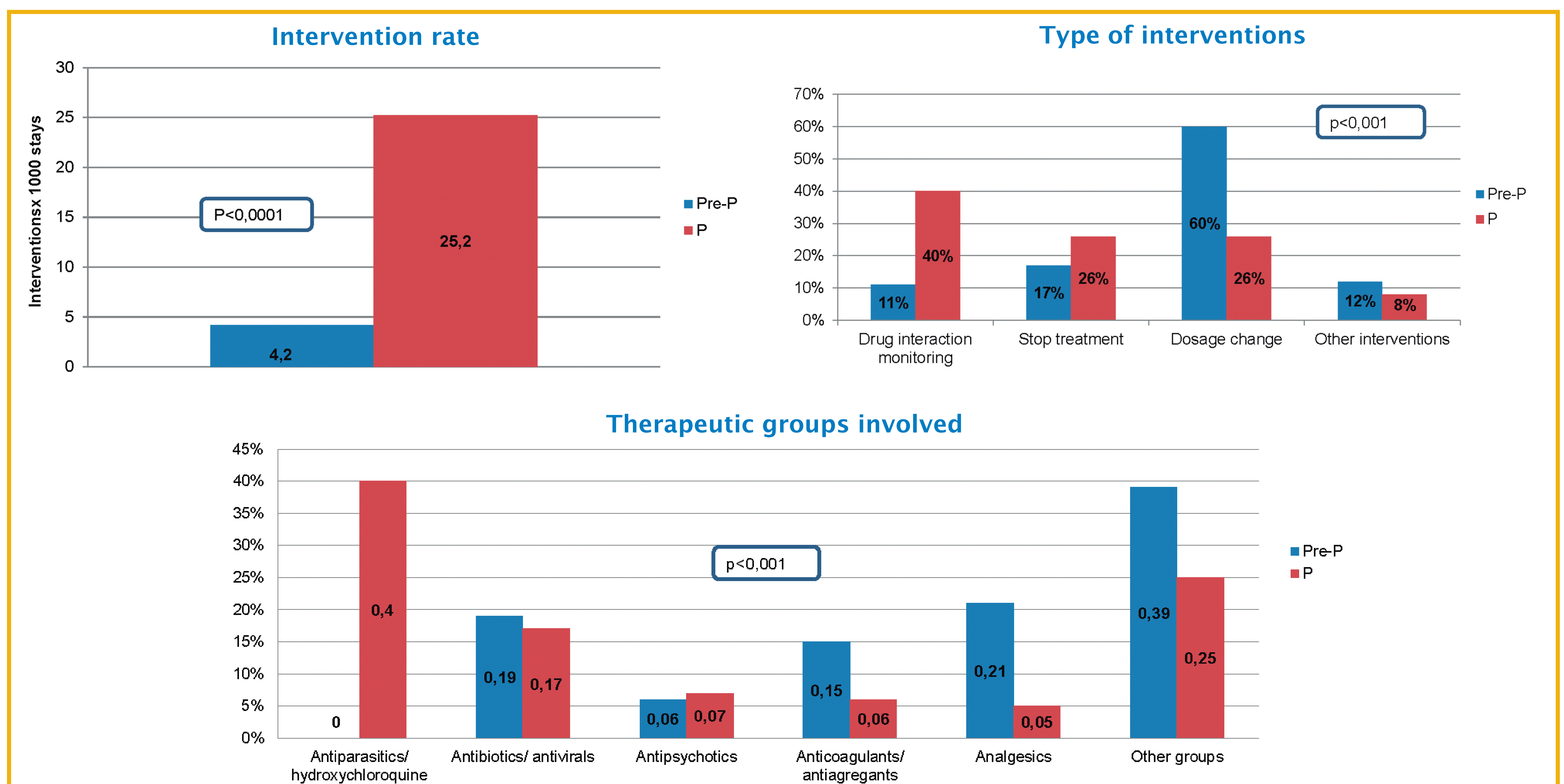
METHODS

Retrospective study. All pharmaceutical interventions between march-may 2020 (Pandemic period: P) and those between march-may 2019 (pre-pandemic period: pre-P) were reviewed.

Collected data: number of interventions, hospital stays, intervention rate (number of interventions x 1000 hospital stays), therapeutic group involved and type of intervention.

Data analysis: Stata® 15.1 version. Mantel-Haenszel test was used to compare intervention rates and χ^2 to compare proportions.

RESULTS



CONCLUSIONS

- During first wave of the SARS-CoV-2 pandemic, activity related to the validation of inpatient treatments increased significantly in our center.
- The therapeutic groups involved in the pharmaceutical interventions differed between P and pre-P period. In P, those related to the antiparasitic drugs (which includes hydroxychloroquine) increased significantly.
- Types of intervention were also different between both periods. In P, the interventions related to drug interactions and those related to excessive durations of treatments were the most frequent. Both types are interventions related to safety of treatments during the pandemic.