

1ISG-003: PROTOCOL FOR THE OPTIMIZATION OF PHARMACEUTICAL VALIDATION IN HOSPITALIZED PATIENTS

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Background

Pharmacist validation of hospitalized patients medication is a fundamental task that spends much of the hospital pharmacist's time.

Aim and objectives

To establish a protocol for optimization of pharmaceutical validation through the analysis of the validation timetable of prescribing physicians.

Materials and methods



A validation statistics report was carried out for the prescribing medical staff for the last 6 months (March 2022-September 2022)



The total validations were divided into the 24 hours of the day, calculating the % corresponding to each of the hours



An analysis was made of the hours with the most validations per day.

The pharmacist validation was adapted to those hours in such a way that most prescriptions were reviewed shortly after being validated by the doctor, and the rest of time were left for other assistance tasks of the pharmacist.

Results

The hours with the highest medical validation were:

10 a.m. (15.98%)



11 a.m. (13.52%)



The night hours (0 a.m. to 7 a.m.) had the least validation (0.06-1.03%).

The pharmaceutical validation schedules were adapted to the following:



to review the treatments validated by the physician between 3 p.m. and 8 a.m. (hours in which the Pharmacy Service is closed) -> 27.48% of daily medical validations.



to review the treatments accumulated in the hours with the highest medical validation -> 36.71% of daily medical validations.



to finish reviewing pending treatments before sending the medication to the patients (which it is at 3 p.m) -> 35.81% of daily medical validations.

Conclusions

Optimizing the timetable of pharmaceutical validation allows the pharmacist to use the rest of time in other care tasks, which has a positive impact on patients, while still being able to resolve any discrepancies found in the validation at the right time.