



Making the right noises: Impact of a pharmacist in the Emergency Room

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Background and Importance

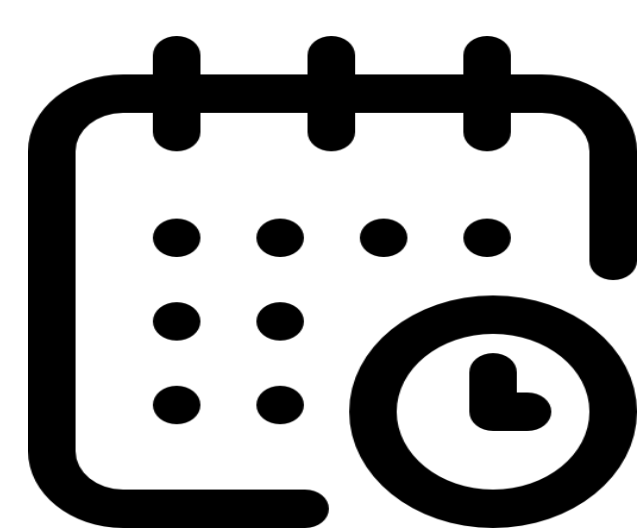
Medicines reconciliation is the process of accurately listing a person's current medicines. The Emergency Room (ER) is one way from primary health care to secondary and tertiary; as such, medicine reconciliation plays a critical role. The presence of a pharmacist in the ER may lead to better reconciliation. A pharmacist integrated part-time from July 2023 in the ER of our hospital.

Aim and Objectives

We aim to measure the impact of the presence of a pharmacist in the ER regarding omission of prescription.

Materials and Methods

2023* vs 2024 comparison



10 workdays

N = 100 (10 daily)



Enrolment criteria

>4h in the ER

Last 5 patients from night shift

First 5 patients from morning shift

Variables

Prospectively recorded

Age, Sex, omission of electronic prescription

Justified Omissions

Significant interaction (D or X)

Medicine contraindicated

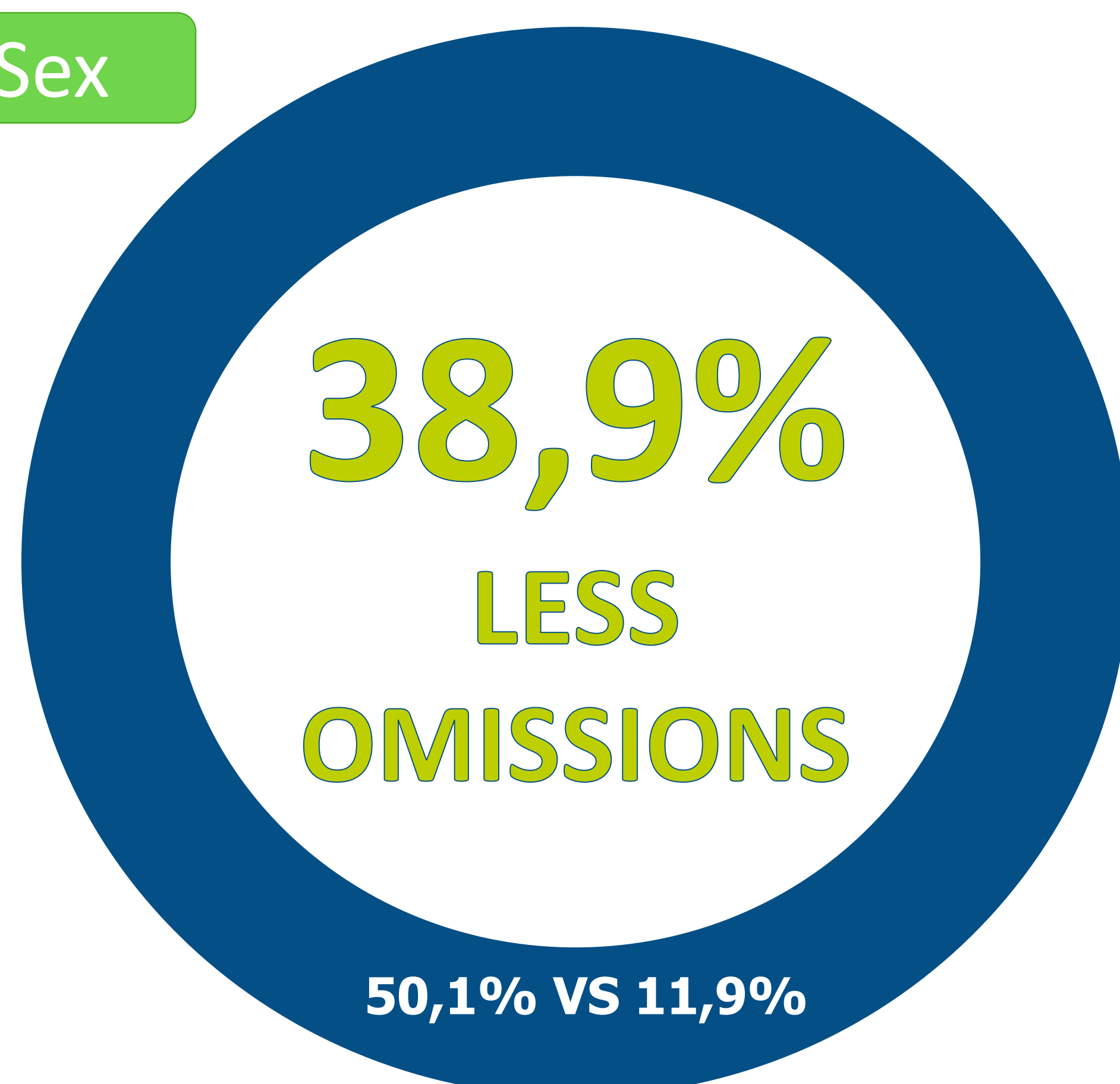
Medicine was the reason to visit the ER

Results

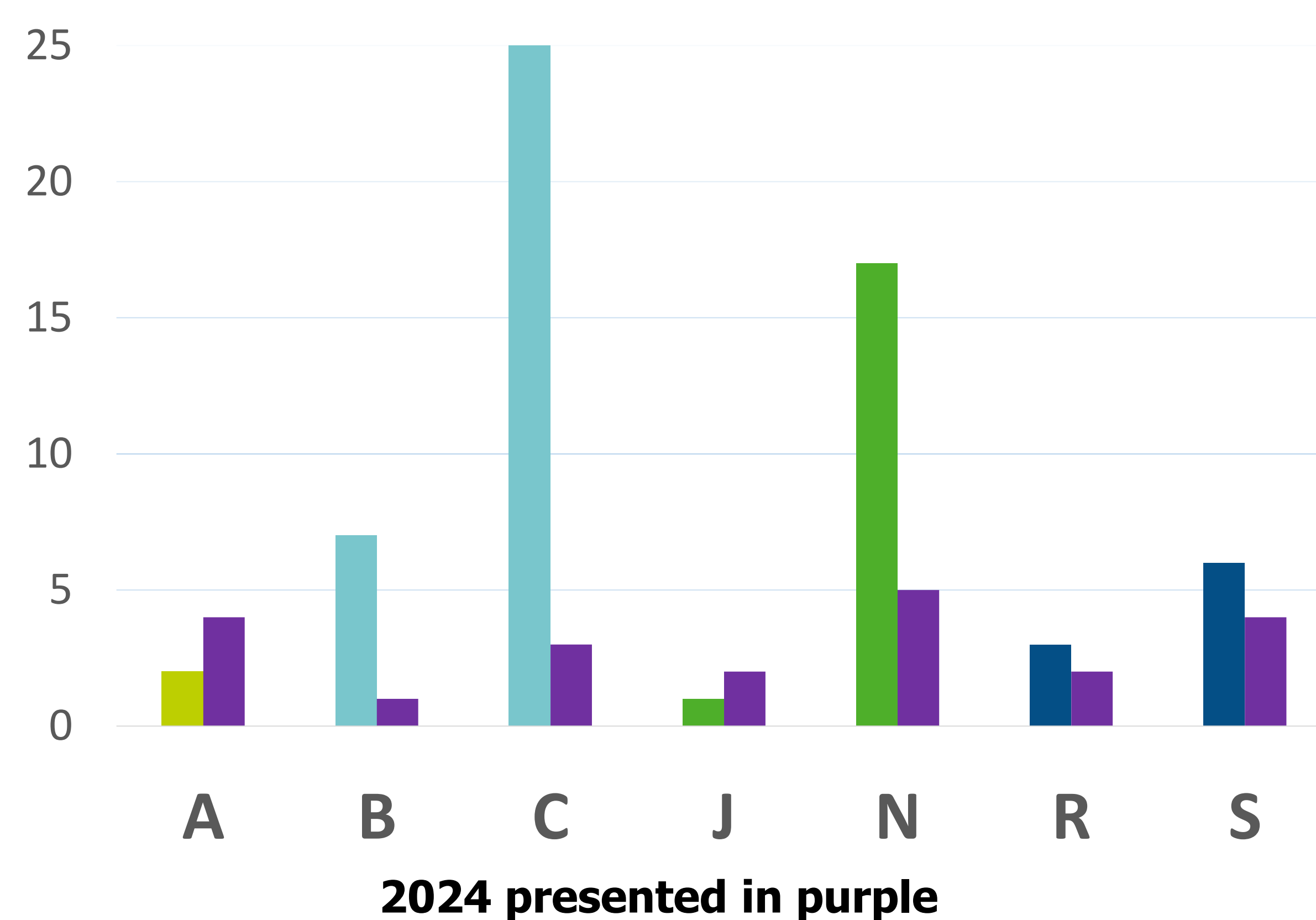
No significant differences in

Number of patients with discrepancies

Age, Sex

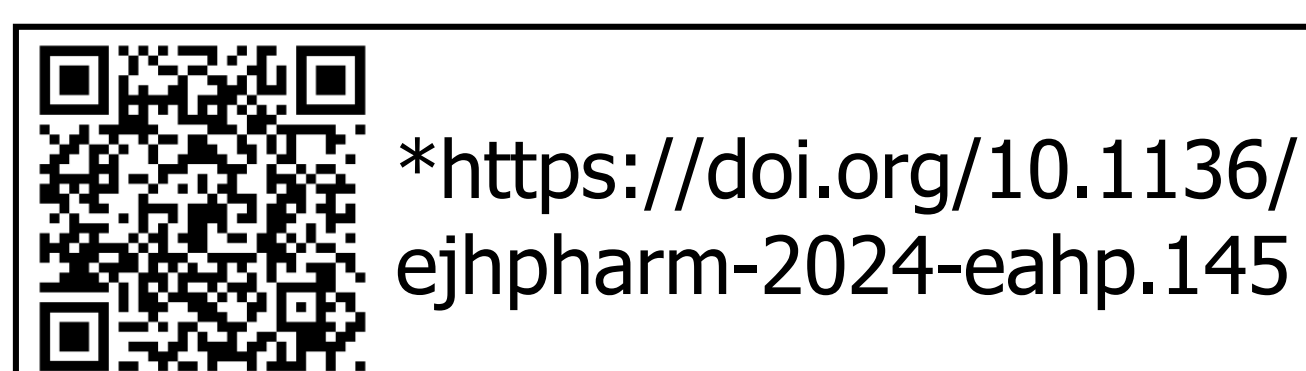


2023* vs 2024 ATC of omitted medicines



Conclusion and Relevance

Although we found more discrepancies, those were justified under our criteria. **Number and proportion of omissions fell sharply** since the presence of a Pharmacist in our ER, leading to a **better quality of medicine reconciliation.**



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