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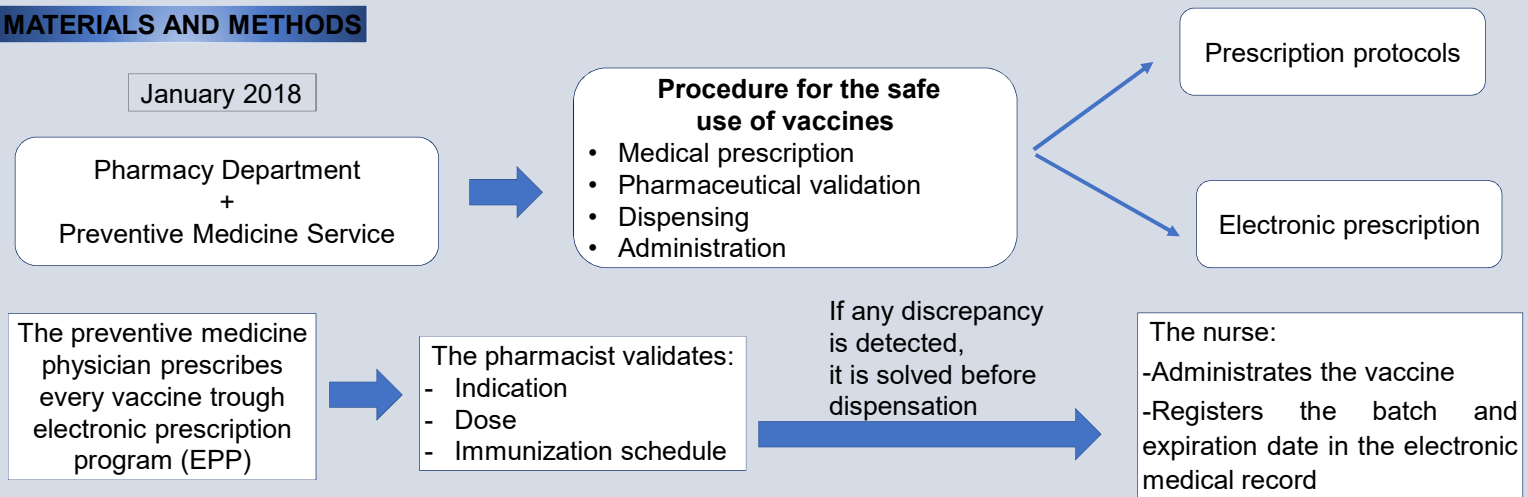
BACKGROUND AND IMPORTANCE

Nurses use immunization schedules as a prescription and there is no pharmacist validation. The electronic prescription and the pharmacist validation could help us to detect and avoid potential medication errors, improving patient safety.

AIM AND OBJETIVES

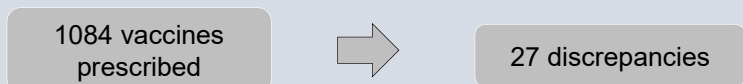
- To describe the vaccine prescription, validation and dispensation circuit.
- To analyze the discrepancies detected after the implementation of this procedure.

MATERIALS AND METHODS

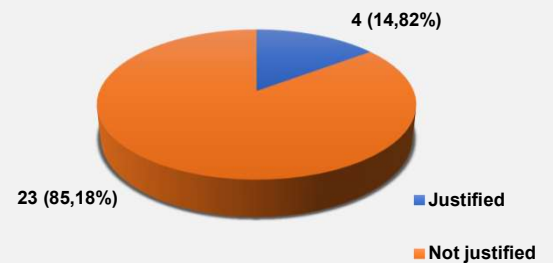


RESULTS

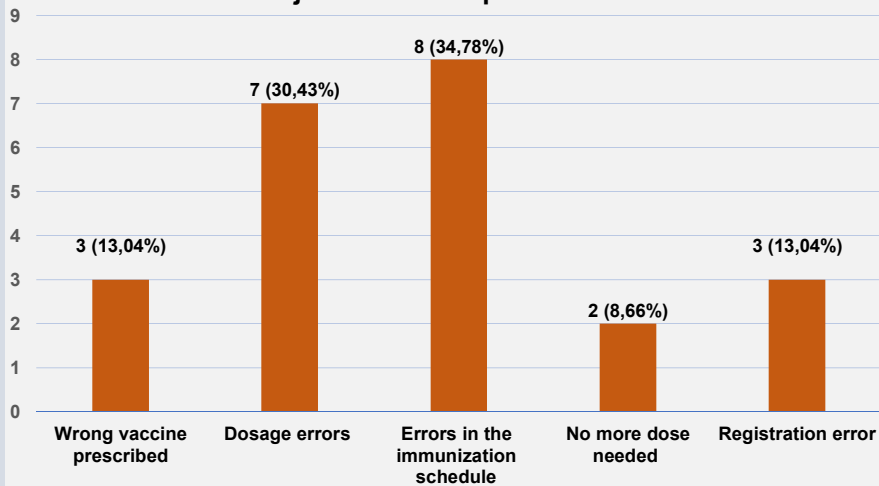
July 2019 - September 2020



Discrepancies n=27



Not justified discrepancies



Not justified discrepancies (n=23)

- ✓ 3 (13,04%) a wrong vaccine was prescribed
- ✓ 7 (30,43%) dosage errors
- ✓ 8 (34,78%) errors in the immunization schedule
- ✓ 2 (8,66%) no more dose were needed
- ✓ 3 (13,04%) registration error in the electronic medical record.

In all cases, a potential medication error was avoided

CONCLUSION AND RELEVANCE

Electronic prescription and pharmacist validation allow us to detect potential medication errors, promoting patient safety in vaccine administration.

This circuit is applicable to all hospitals with an EPP and should allow them to detect and prevent potential medication errors.