PHARMACEUTICAL INTERVENTIONS FOR MEDICATION RECONCILIATION IN COMPLEX CHRONICALLY ILL PATIENTS

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Elderly patients who receive chronic medication have a **high risk of** suffering from **medication discrepancies and adverse drug events**. The role of **pharmacists** is vital to **avoid these medication errors**.

AIM AND OBJECTIVES



To analyze the **pharmaceutical interventions** (**PIs**) of medication reconciliation in hospitalized **multipathological** patients over 65 years of age and to evaluate the **degree of acceptance** by the physicians.

IMATERIAL AND METHODS



A prospective observational study. Period: March 1 and April 15, 2023.



Pls were analyzed on therapeutic conciliation performed in multipathological

The degree of acceptance of the PIs was measured and PIs were identified according to the MARC list.

The following variables were collected:

- Patients admitted to the ward
- Patients on whom PIs were performed
- Pathologies involved
- Number and type of Pls identified

RESULTS

83 patients admitted

33 patients received PI

The nature of the diseases associated with Pls were:

- > Cardiovascular (16.48%)
- > Metabolic-renal (9.28%)
- ➤ Neurological (5.15%)
- > Respiratory (3.9%)

52 Pls were performed

The recommendations made in the Pls were:

- Discontinuation of medication (n=16)
- Dosage adjustment (n=14)
- Prescription of medication (n=11)
- Substitution of the drug for a more effective one (n=7)
- Exchange of the drug for a therapeutic equivalent (n=3)
- Change of the route of administration (n=1)

27%
involved a
high-risk
drug

- ☐ Loop diuretics (n=4)
- \square NSAIDs (n=1)
- ☐ Anticoagulants (n=4) ☐ Hypoglycemic agents (n=1)
- ☐ Antiplatelet agents (n=1)☐ Insulins (n=1)
- ☐ Beta-blockers (n=2)

86.54% of the PIs were accepted



CONCLUSION AND RELEVANCE

- → Most of the **PIs** were related to the **addition or discontinuation of a drug**, as well as to the dose adjustment of a drug.
- → The degree of acceptance of the PIs was very high, which reinforces the role of the pharmacist within a multidisciplinary team.







