

USE OF THE "PRECAUTIONARY ANNULMENTS" TOOL BY A HOSPITAL PHARMACY SERVICE



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BACKGROUND AND IMPORTANCE

The main objective of precautionary annulments (PA) is to contribute to patient safety, preventing dispensing of erroneous medications at the outpatient pharmacy level. This is a new tool carried out by both hospital and primary care pharmacists.

AIM AND OBJECTIVES

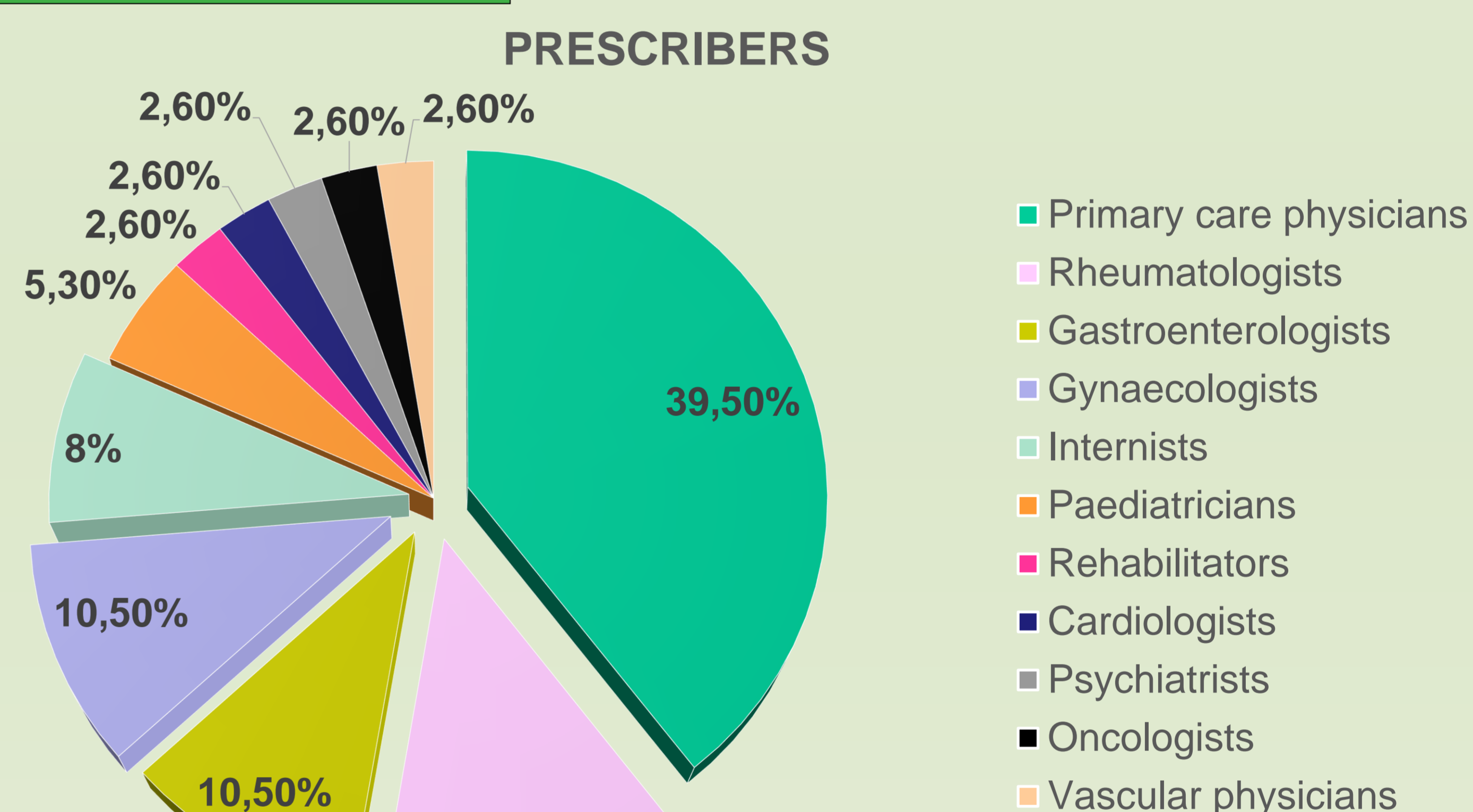
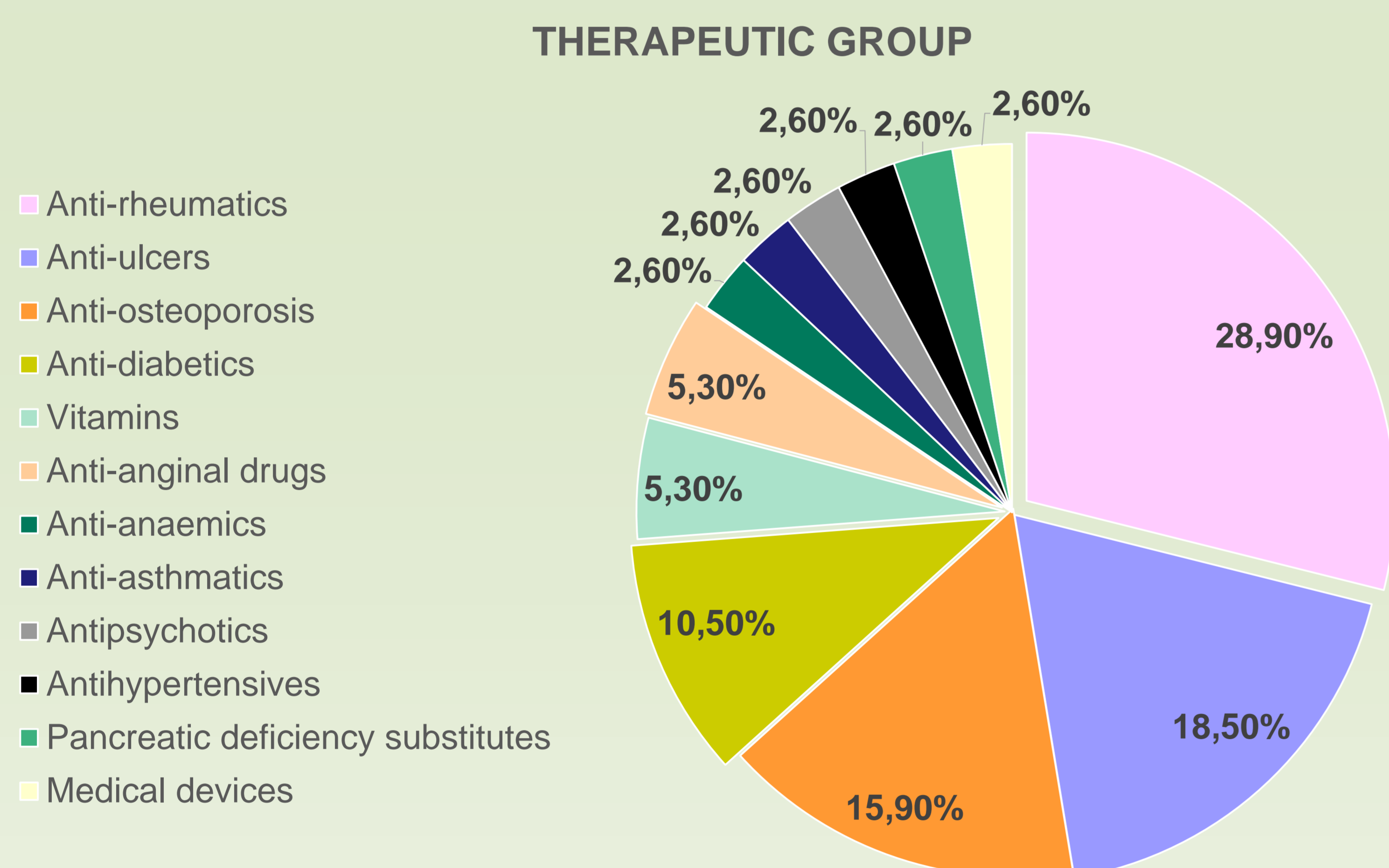
To analyse the different PA conducted by hospital pharmacists, and to evaluate their degree of acceptance by doctors.

MATERIAL AND METHODS

This is a prospective study, carried out from May to September 2023. All patients in whom a PA was carried out, either during a hospital admission or by proactively obtaining the information through the "Microstrategy" database, were included. Variables collected: age, sex, therapeutic group of the drug and prescribing service. The PA were distinguished according to whether they were therapeutic duplications, dosing errors, or inappropriate medication prescription. Finally, the degree of acceptance by the physicians was measured. Data obtained through the e-prescription module, digital medical record and through the "Microstrategy" database.

RESULTS

A total of 38 patients were included (with one PA each)
60.5% were women (n=23)
Median age of 56 years (IQR=69-41)



Regarding the type of error that led to the PA, 65.8% were due to dosage errors; 26.3% to therapeutic duplications and 7.9% to inappropriate prescribing.

In the anti-rheumatics group (n=11), the drug discontinued in all of them was methotrexate. Of all the PA in this group, 6 had not yet been renewed by the prescribing physician, so the patient is currently unable to take the treatment.

Of all the PA made, only 39.5% were accepted by the prescribing physician; the rest were discontinued because the cancellation period had expired without response.)

CONCLUSION AND RELEVANCE

Although PA are intended to improve patient safety, it is important that they are well reviewed and accepted by the prescribing physician.

Of particular note are the PA carried out for methotrexate, a drug considered high-risk according to ISMP (Institute for Safe Medication Practices) Spain.

