

PHARMACEUTICAL INTERVENTION AFTER INAPPROPRIATE PRESCRIPTION OF ZOLPIDEM

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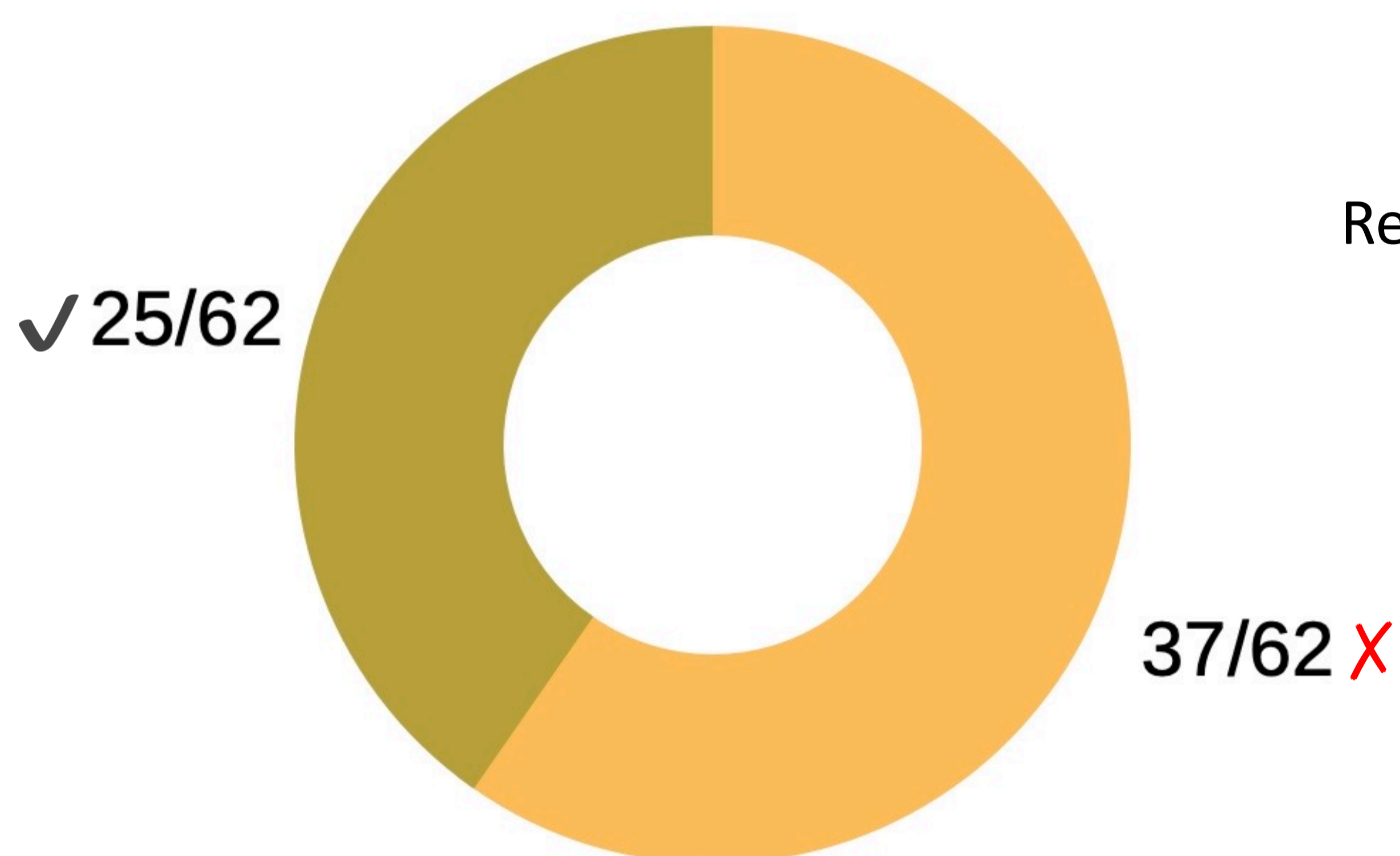
BACKGROUND AND IMPORTANCE

Zolpidem is a benzodiazepine-like hypnotic that acts on GABA-omega receptors in the central nervous system, indicated for the short-term treatment of **insomnia**.

2014 → **informative note** was published by The Spanish Medicines and Medical Devices Agency (**AEMPS**) recommending a dose of **5mg/day** in **elderly patients**, instead of 10mg (usual dose), in order to reduce the number of cases of alterations in attention and concentration capacity.

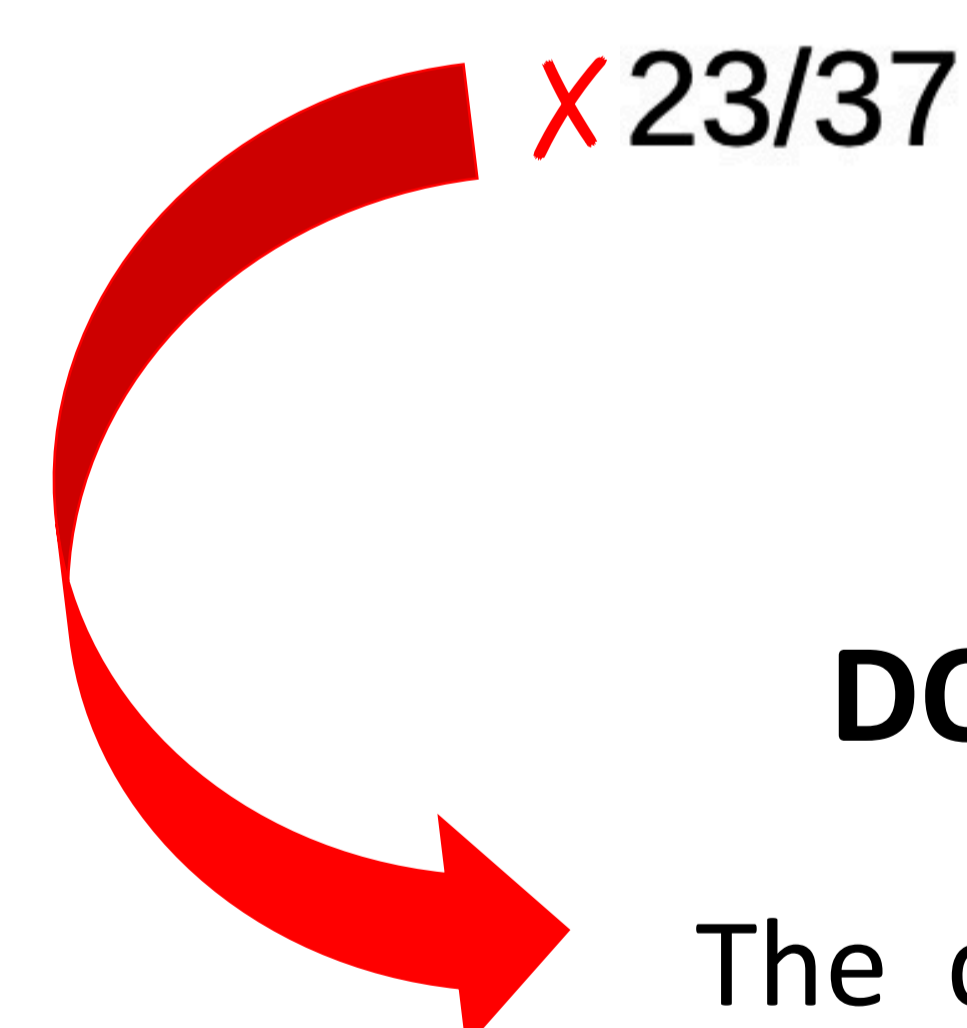
RESULTS

N= 62 patients zolpidem treatment



PRESCRIPTIONS AJUSTED TO THE AEMPS ALERT

Regarding the 37 patients with inappropriate prescription



DOSE REDUCED TO 5MG/DAY

The dose of the rest of patients, 62,2% (23/37), was not change, of which 87% (20/23) had the origin of the prescription at the **primary care level**.

AIM AND OBJECTIVES

Evaluate the **impact** of hospital **pharmaceutical intervention (PI)** on the prescription of zolpidem after the publication of the AEMPS informative note.

MATERIAL AND METHODS

- Multicenter and prospective intervention study
- September 2021-September 2022
- Variables collected:

Age	Sex
Dosage	Prescription of zolpidem

- PI → sending an **informative note** to the doctor responsible for the patients who did not comply with the **AEMPS recommendation**

CONCLUSION AND RELEVANCE

The acceptance of the PI was performed in a **low number of cases** due to the fact that the origin of zolpidem prescriptions is **primary care**. This creates the need to **establish channels of communication** between the primary care physician and the hospital pharmacist to report possible errors detected in their prescriptions.

