

# IMPACT OF PHARMACIST INTERVENTIONS IN ELDERLY PATIENTS WITH POLYPHARMACY

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## BACKGROUND AND IMPORTANCE:

**Polypharmacy** in elderly people is a growing concern, impacting patient safety and healthcare costs. **Pharmacists** play a key role in reviewing medication regimens for these patients, enabling the **optimization** of pharmacotherapy, reducing adverse effects, and promoting adherence.

## AIM AND OBJECTIVES

To assess the clinical, economic and organisational impacts of pharmacist interventions in elderly patients with excessive polypharmacy ( $\geq 10$  medications) at discharge.

## MATERIAL AND METHODS



*Patients over 80 years old on 10 or more chronic drugs admitted to the internal medicine service*

March  
2024

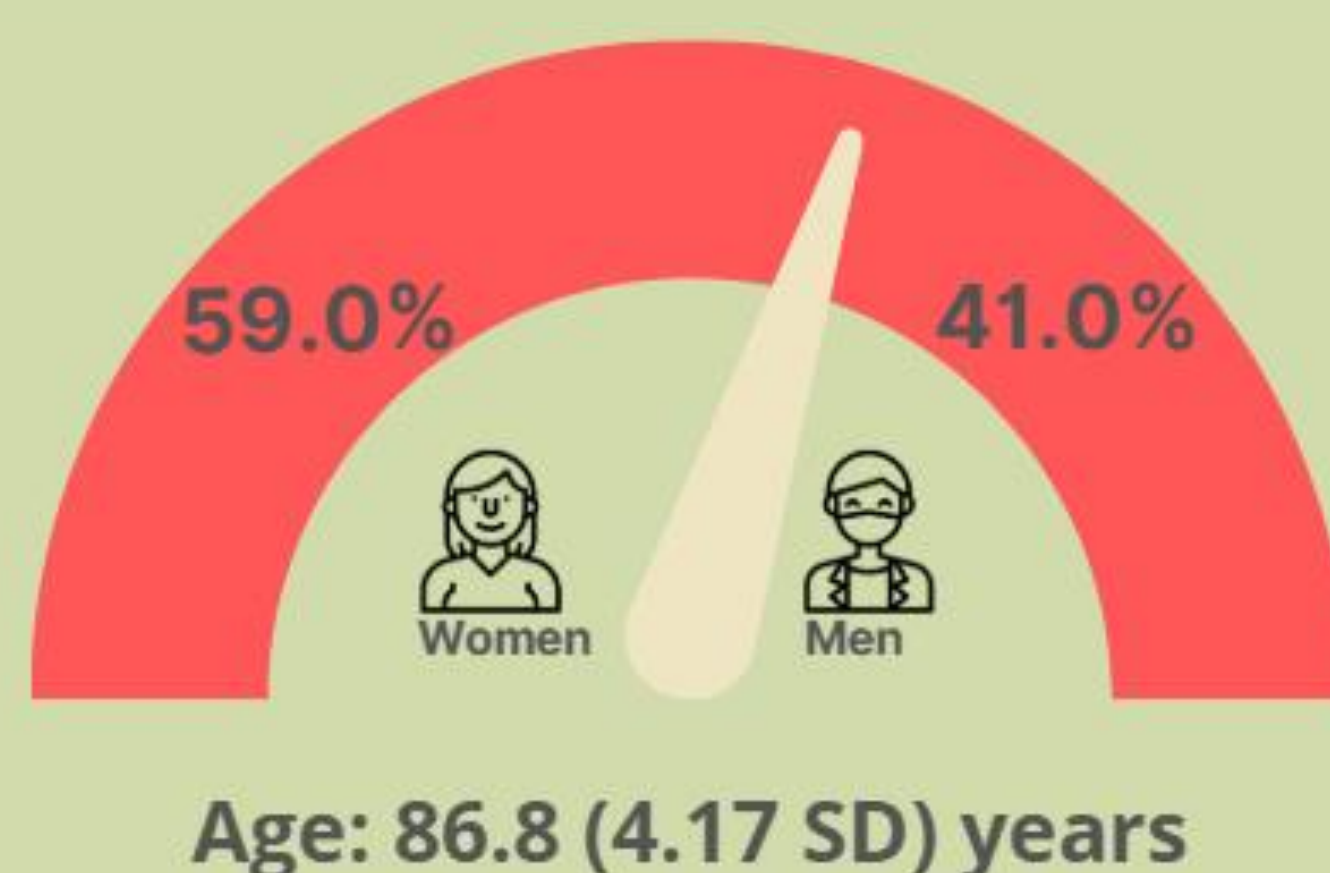
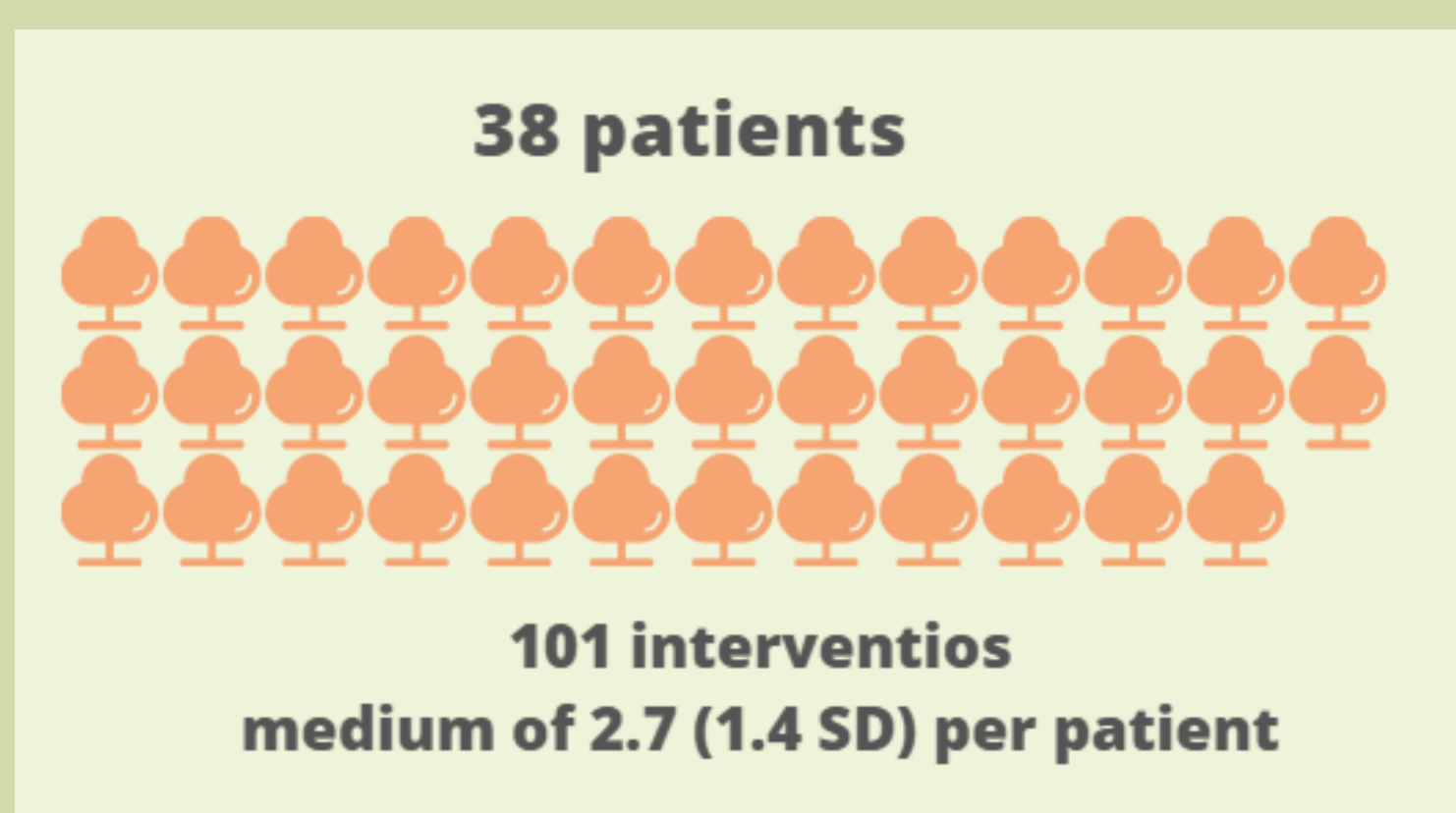
third level hospital

July 2024

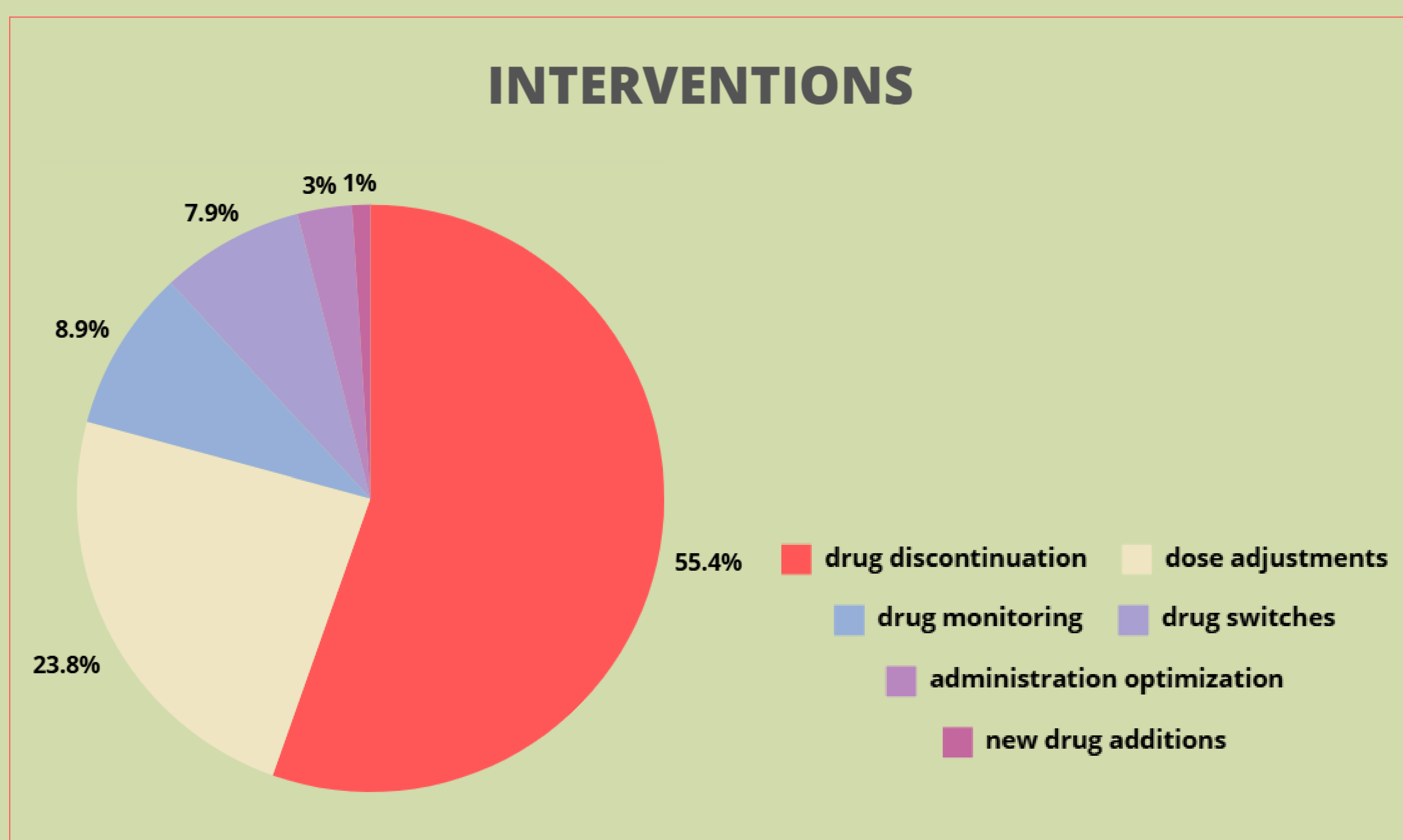
### CLEO tool:

- Clinical impact: -1 to 4 (negative, null, minor, moderate, major and avoiding a fatality)
- Economic and organisational dimensions had three levels (negative, null, positive) scored -1, 0, 1

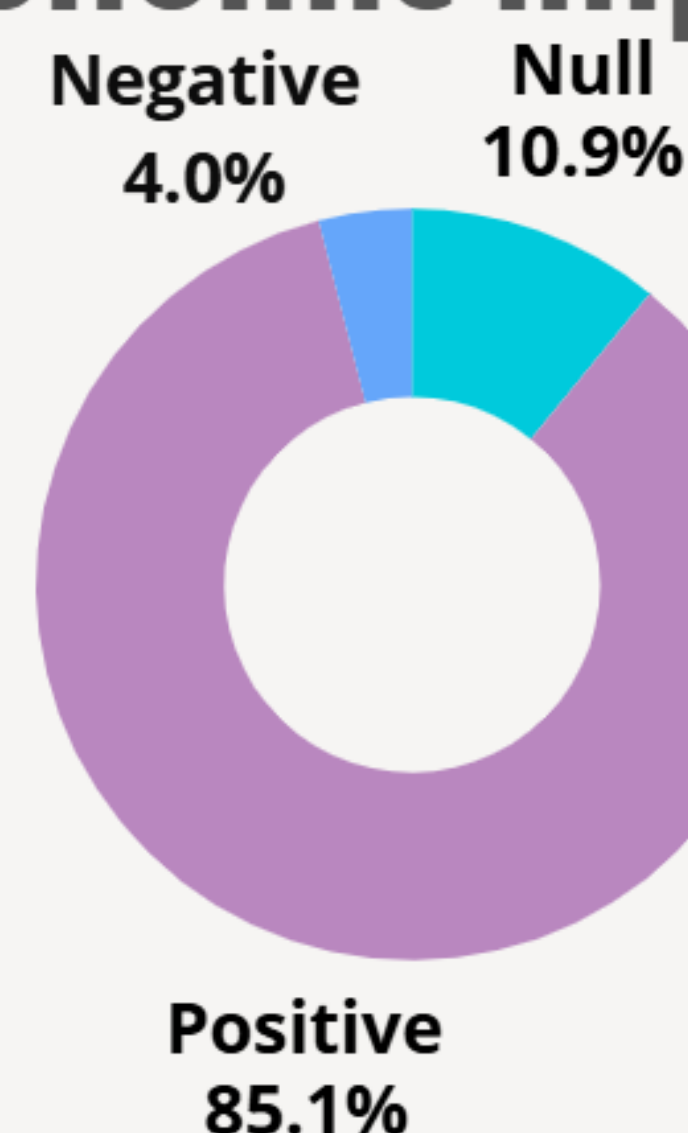
## RESULTS



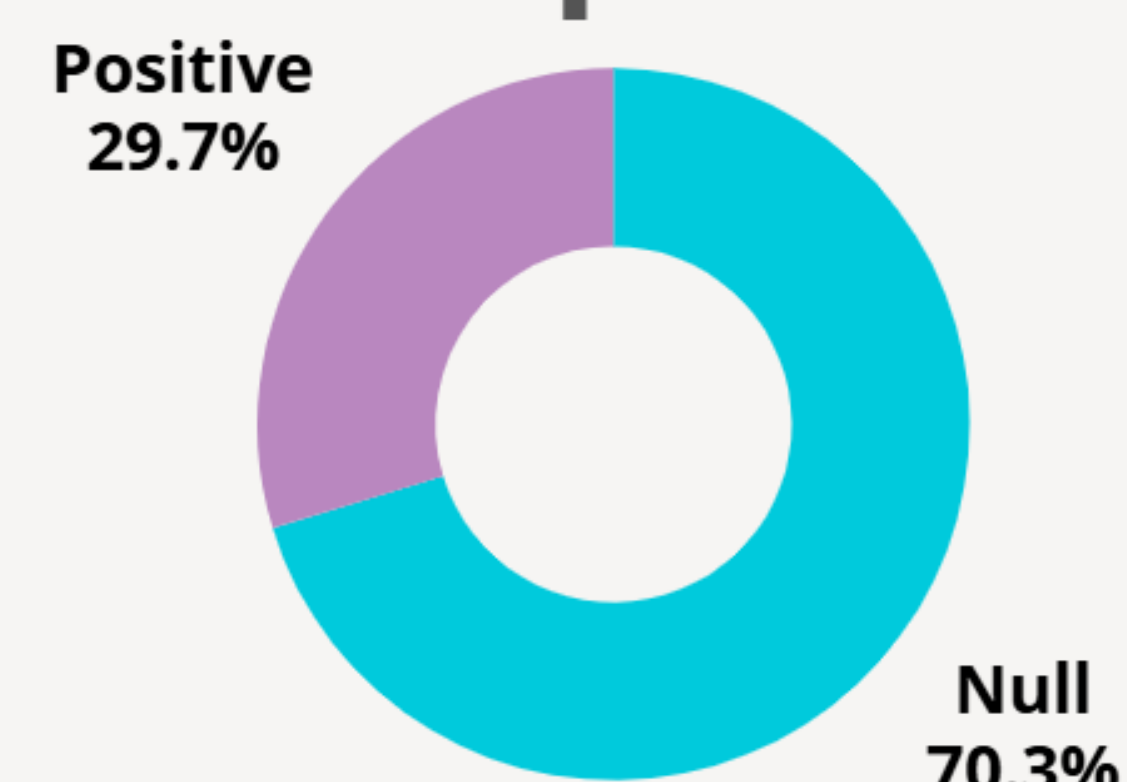
### INTERVENTIONS



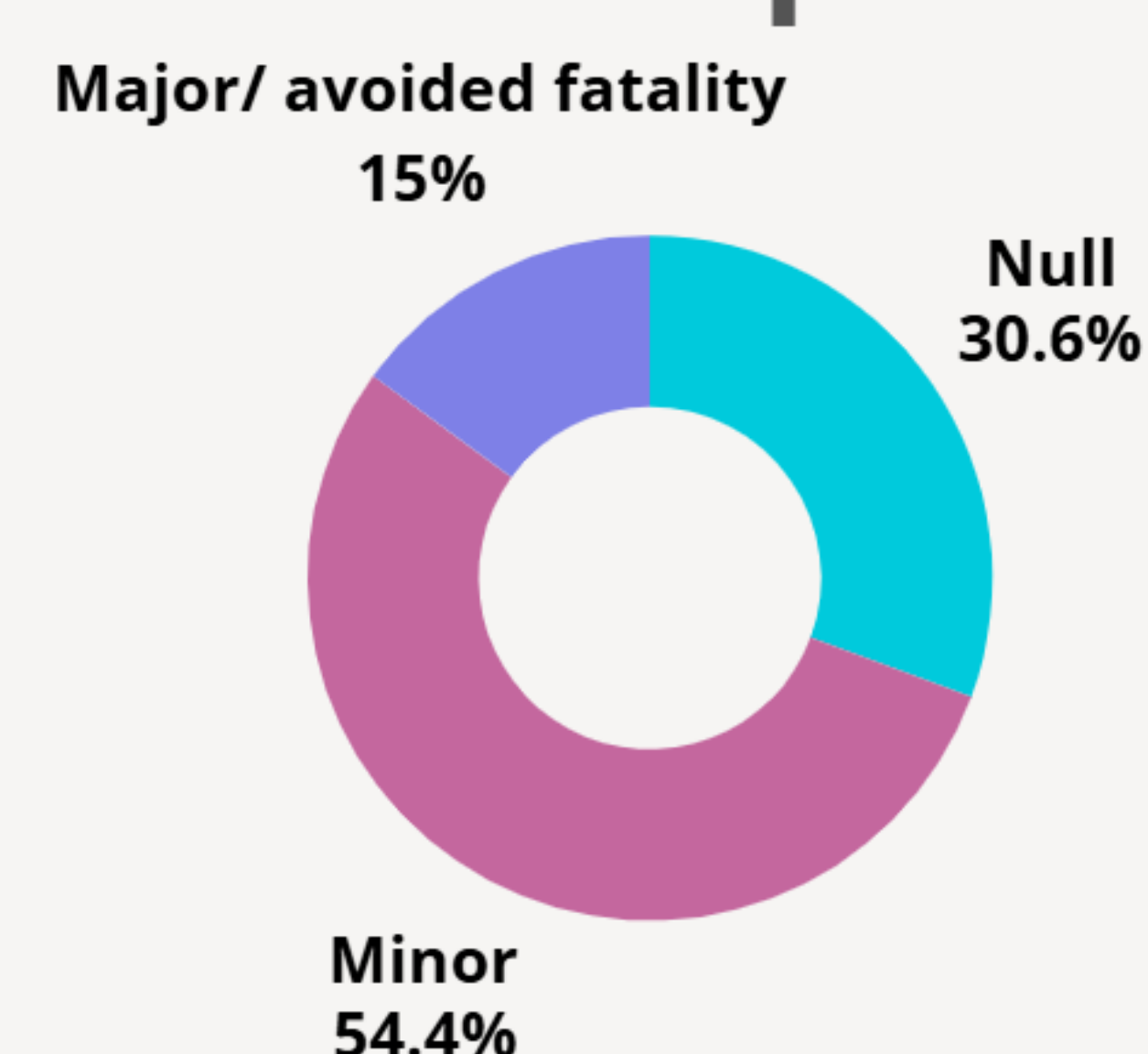
### Economic impact



### Organizational impact



### Clinical impact



## CONCLUSION AND RELEVANCE

Pharmacist interventions in polypharmacy are essential to reduce healthcare costs and improve care quality. Expanding this practice to other hospitals is recommended.

