

# Allergies and Intolerances: An Opportunity for Improvement

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## Background

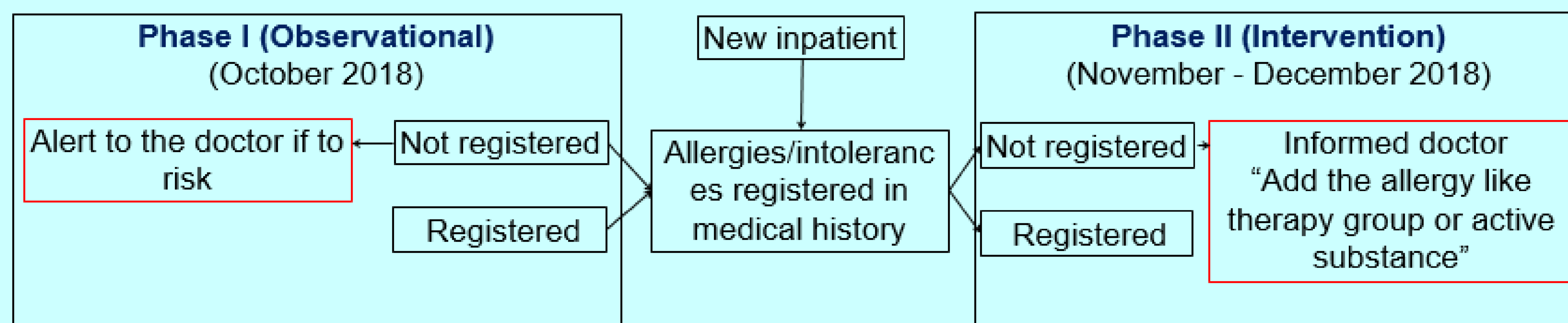
In 2014, the Institute of Safe Medication Practice in Spain, published a bulletin that showed the importance of drug hypersensitivity reactions. Pharmacy Services could contribute to identify and avoid allergic reactions in patients.

## Objectives

To evaluate the allergies and intolerances register system, the level of pharmaceutical interventions acceptance and determinate the most frequent pharmacological groups within the allergies.

## Materials and methods

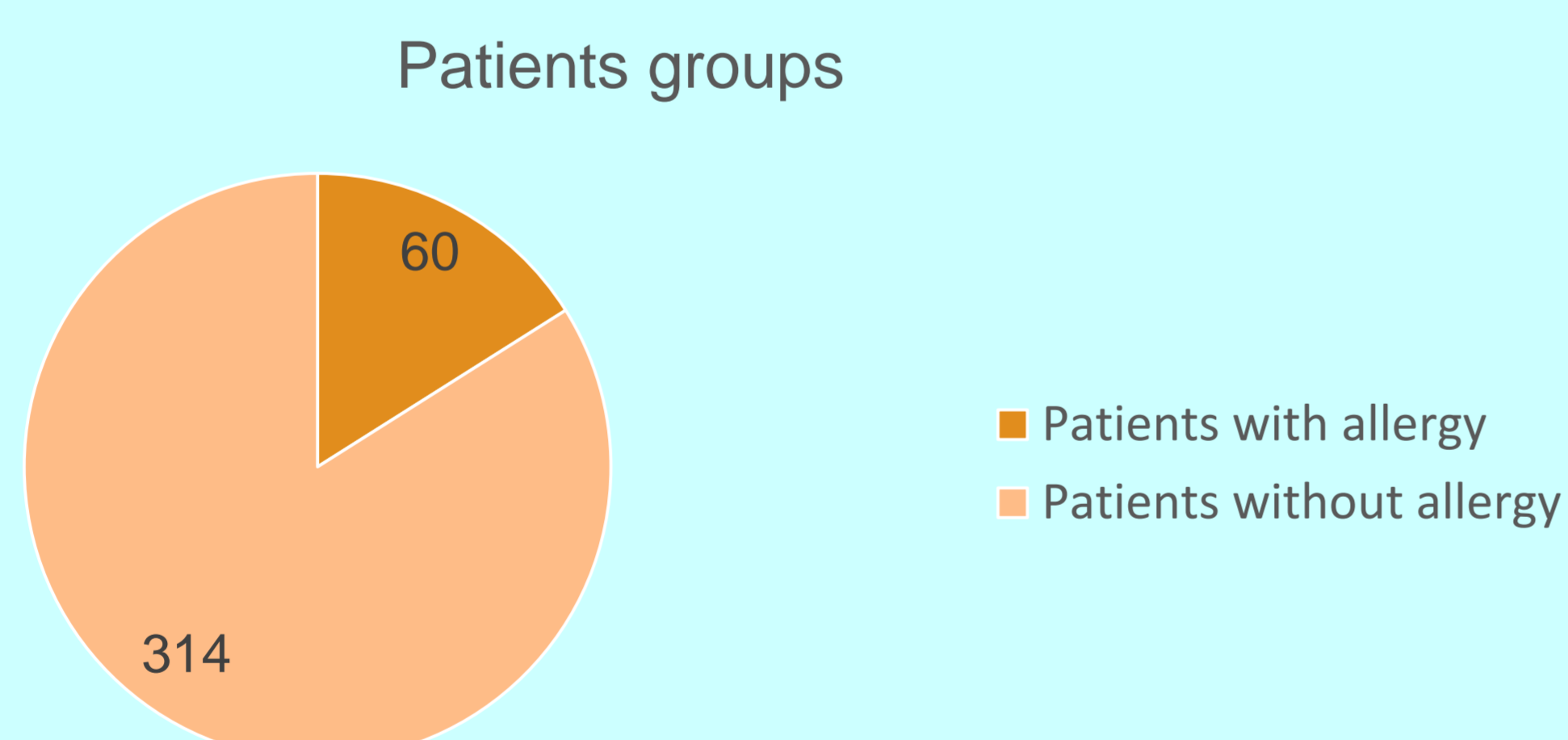
- Prospective study October - December 2018.
- We use the medical history and prescription program.



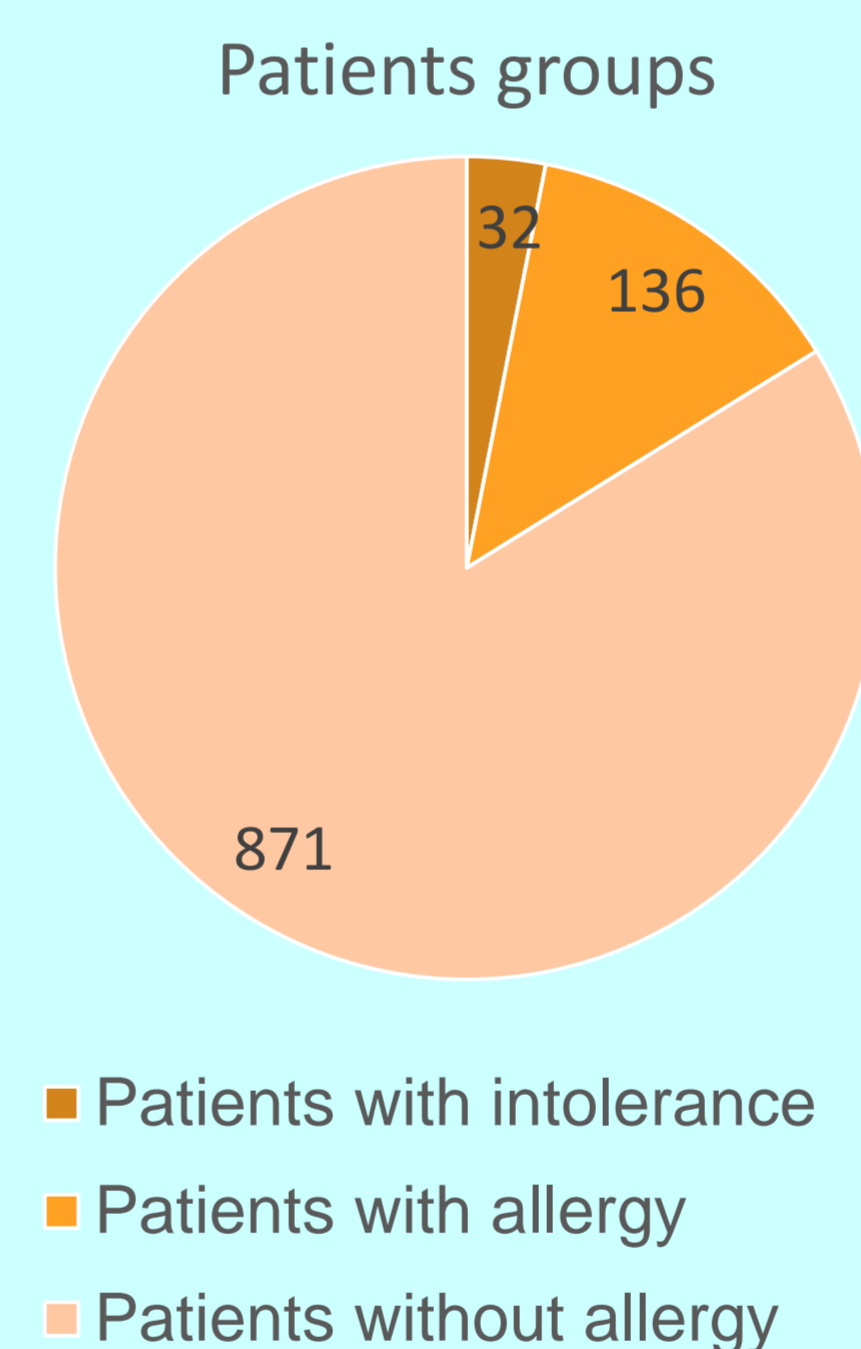
## Results

### Phase I: 374 patients

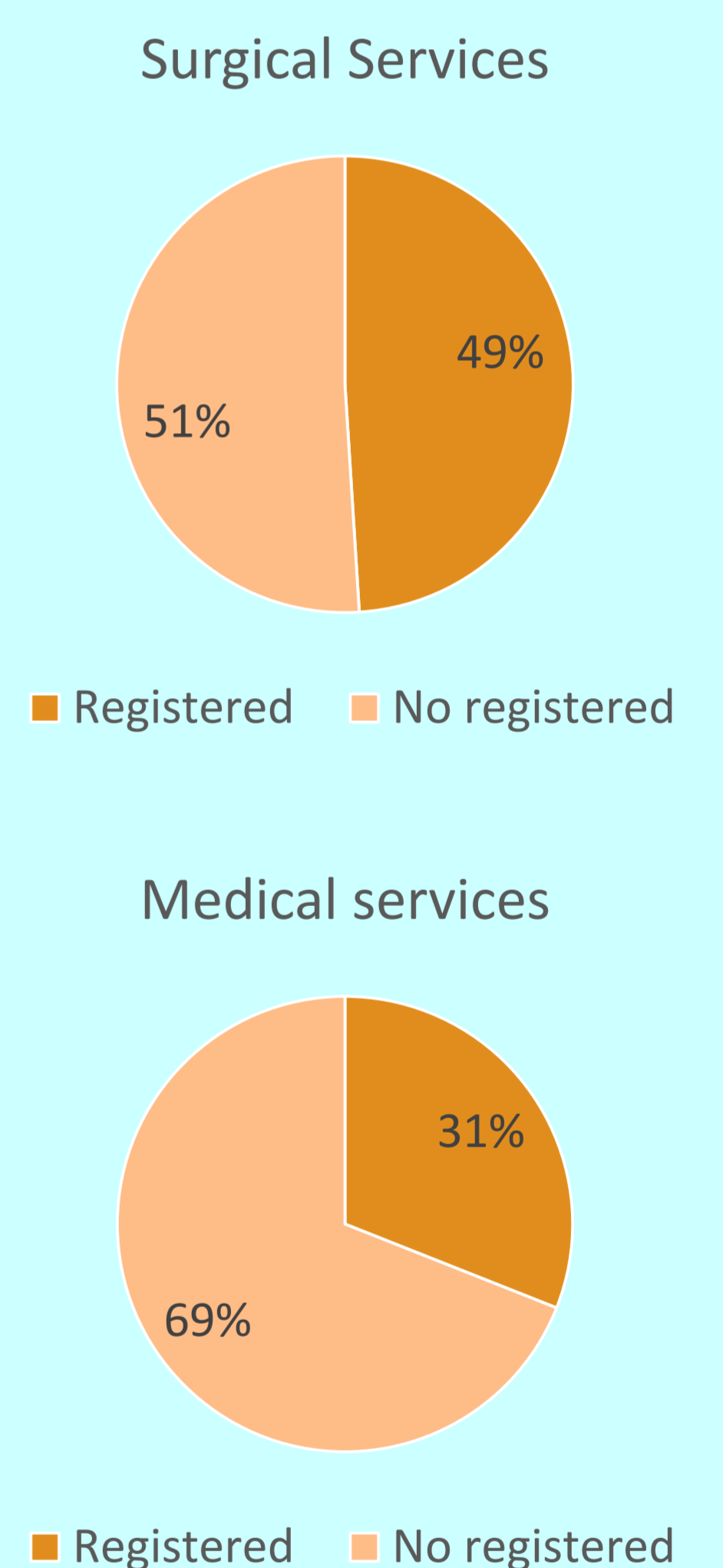
- ✓ 60 (16%) with some allergy.
- ✓ A drug with allergy known was prescribed in 4 patients.



### Phase II: 1039 patients



37% allergies and 7% intolerances were registered in prescription program



- ✓ After pharmacist interventions, only 23% of them were approved and registered by the physician.
- ✓ Drugs with allergies or intolerances prescribed were found in 7 and 3 patients, respectively.
- ✓ Antimicrobial and central nervous system drugs reached the 66% of total allergies.

## Conclusions

- ✓ Most of interventions (77%) were not accepted and not registered in prescription program.
- ✓ Surgical Services registered more allergies than Medical Services.
- ✓ Drug administration were avoid in 11 patients with allergy due to pharmacist intervention.
- ✓ Antimicrobial and central nervous system drugs were the groups involved more frequently in allergies.
- ✓ Promote the allergies/intolerances register is needed to avoid erroneous administration in allergic patients.