

DRUG PRESCRIPTION IN HEPATIC CIRRHOSIS: PITFALLS AND ROOM FOR IMPROVEMENT

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BACKGROUND AND IMPORTANCE



≈ 20%
inadequated prescriptions

- Inadequate dosing
- Contraindication



Preventable drug reactions

AIM AND OBJECTIVES

To evaluate the adequacy of medications in patients with cirrhosis according to their hepatic disease.

MATERIALS AND METHODS

Cross-sectional drug utilization study

Patients with a diagnosis of **hepatic cirrhosis** in their electronic clinical record until June 2023

- Age
 - Gender
 - Child-Pugh
 - Prescribed medications
- April - June 2023

Drugs analysed (contraindicated drugs in any stage of cirrhosis)

Analgesics
Antidepressants
Antidiabetics
Antihistamines
Antibiotics

Antipsychotics
Antithrombotics
Benzodiazepines
Cardiovascular drugs
Digestive therapies

Safety information



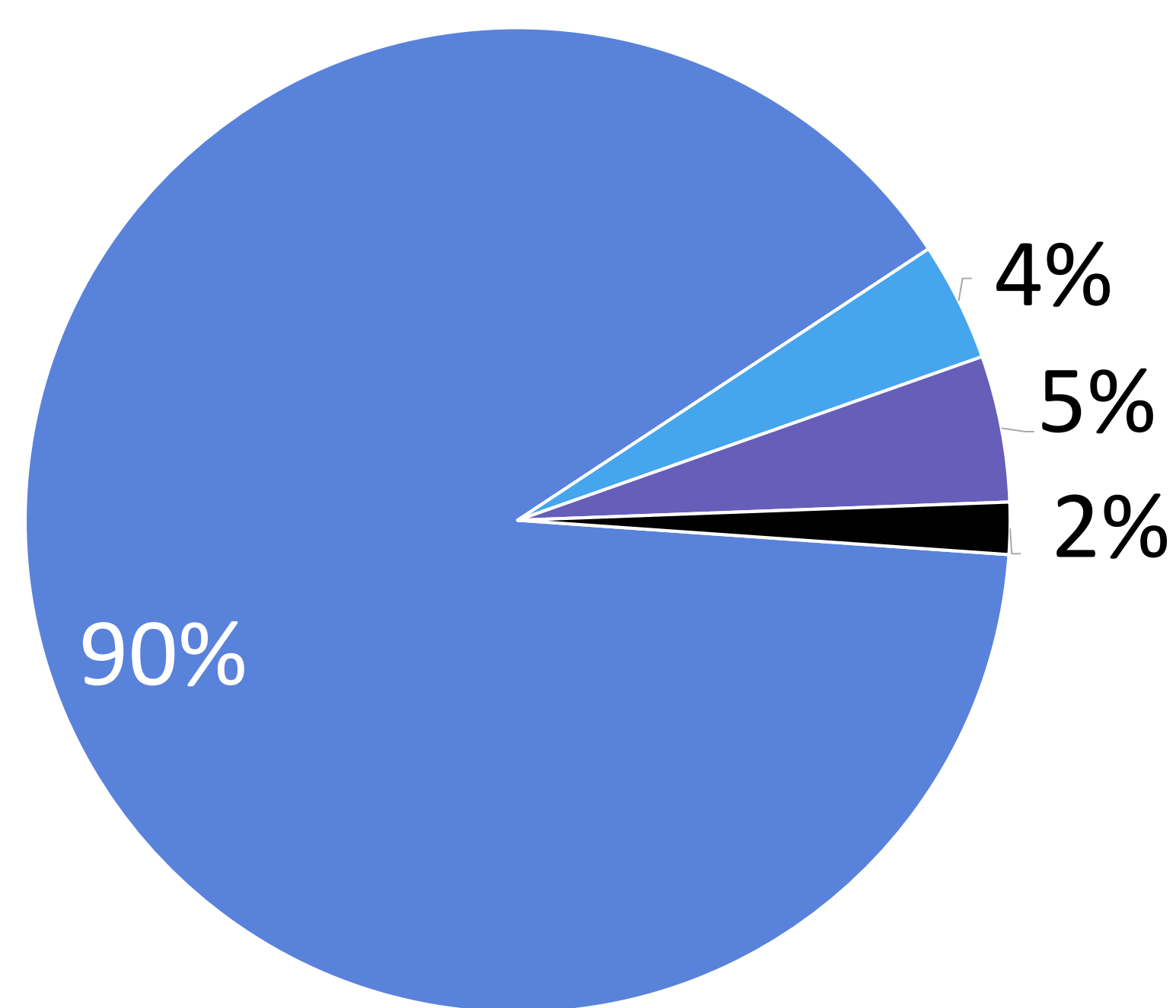
Geneesmiddelen bij **levercirrose**



RESULTS

Cirrhosis severity

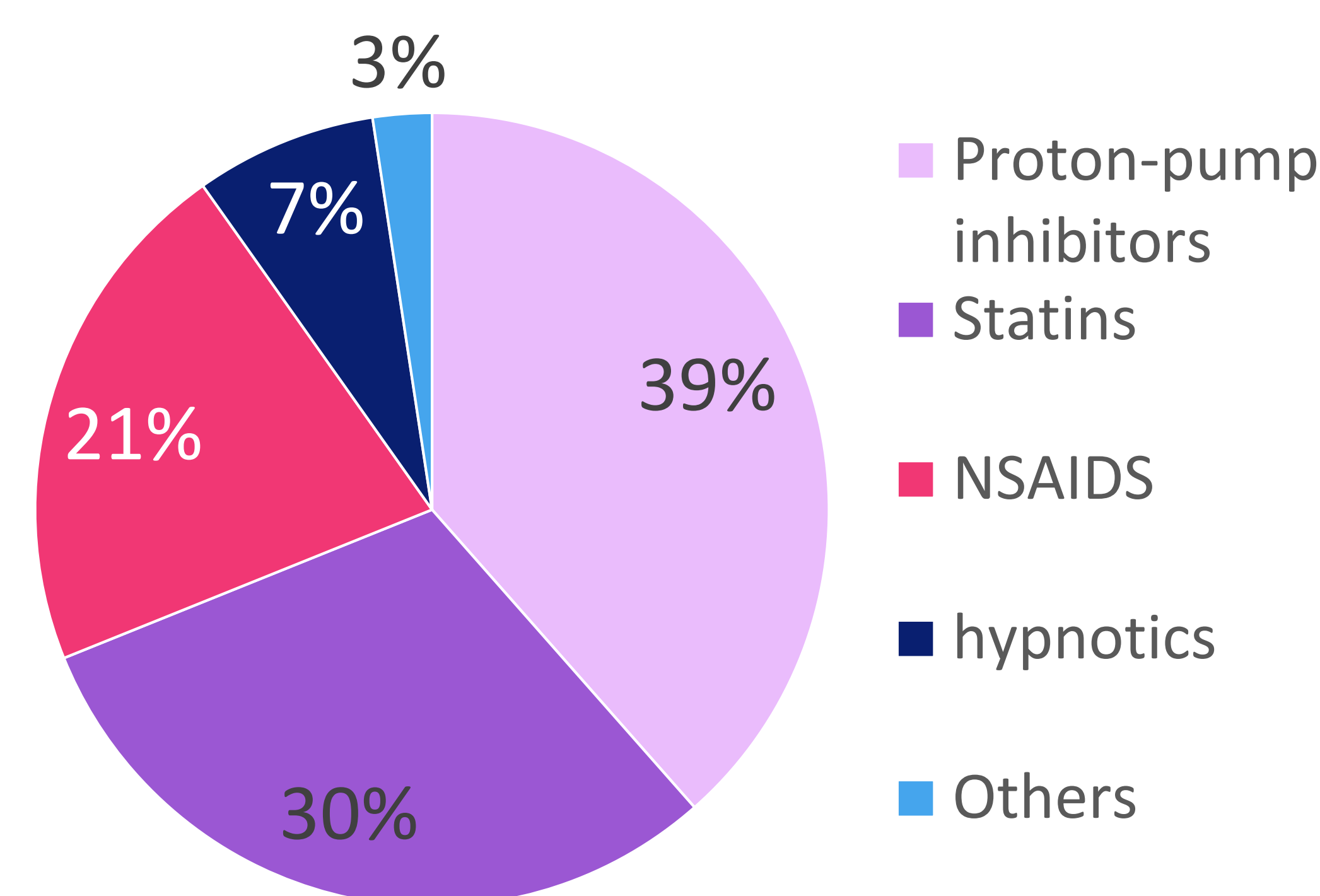
1326 patients
♂ 64.1%
65±12 years



■ Unknown ■ Child-Pugh A ■ Child-Pugh B ■ Child-Pugh C

25.3%
with at least one
contraindicated
drug

Drugs involved



CONCLUSIONS AND RELEVANCE

- ✓ Prescription in cirrhosis must improve.
- ✓ Prevalence of patients taking contraindicated drugs in cirrhosis in our study is slightly higher than in bibliography, despite there are safer options available for all of them.
- ✓ The lack of knowledge about drugs management in cirrhosis and **the need for information and training in this field** are highlighted.
- ✓ It is important to grade cirrhosis according to the Child-Pugh classification, as drugs can be contraindicated depending on stage.
- ✓ We propose to implement a prescription-related alert system, which alerts about contraindicated drugs in cirrhosis and suggests safer alternatives.

