

PROPHYLACTIC PROTON PUMP INHIBITORS PRESCRIPTION AT HOSPITAL DISCHARGE

A. Escudero, N. El Hilali, N. Pi, E. Ramió, Gl. Ballesteros, M. Aguas, M. Pons, B. Eguileor
Capiro Hospital Universitari Sagrat Cor, Pharmacy, Barcelona, Spain

BACKGROUND

Proton pump inhibitors (PPIs) are used in the treatment of diseases such as dyspepsia, gastroesophageal reflux disease and Zollinger-Ellison syndrome. They are also used in the prevention of peptic ulcer disease or haemorrhage induced by non-steroidal anti-inflammatory drugs or anti-platelet agents, in patients with additional criteria. The literature refers to an overuse of PPIs in patients that do not reach these indications.

OBEJTIVE

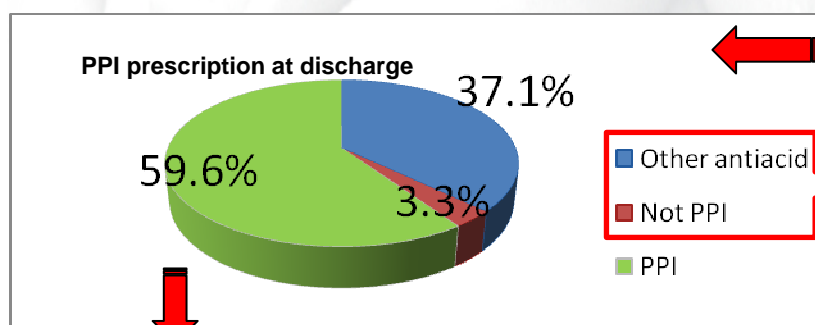
✓ To evaluate PPIs prescription at discharge in our hospital.

METHODS

- We carried out a cross-sectional observational study in a tertiary care hospital located in Barcelona.
- The study included patients older than 18 years discharged during the months of July and August 2011. We excluded patients with a justified treatment by PPIs. We included patients with preventive prescription of PPIs, patients without any PPIs prescription at discharge or patients with another antacid at discharge.
- We calculated the percentage of patients who met criteria for PPIs preventive prescription but not prescribed at discharge, and the same percentage for patients with an appropriate preventive prescription of PPIs at discharge.

RESULTS

- We included 96 patients, 7 were excluded because the PPIs prescription fit on the indication for the PPIs treatment



Patients with PPIs prescription at discharge

	N (%)	Mean (SD)
Age	53 (59.6)	79.92 (11.45)
Sex		
Women	27 (50.9)	
Men	26 (49.1)	

Patients included

	N (%)	Mean (SD)
Age	89 (100)	77.48 (13.57)
Sex		
Women	45 (50.6)	
Men	44 (49.4)	

✓ These two groups count a total of 36 patients (40.4%), 5 of them met criteria for PPIs preventive prescription (13.9%)

✓ Only 17 (32.1%) met criteria for PPIs preventive prescription.

CONCLUSIONS

✓ The PPIs prescription at discharge in the cases that do not meet the criteria for prevention of stomach disorders is a remarkable problem in our hospital.