

PHARMACY INTERVENTION TO PROMOTE SAFER USE OF GLICLAZIDE

López Sepúlveda, R¹; García Lirola, M.S²; Anaya Ordoñez, S²; Martín Sánchez, S²; Espinola Garcia, E²; Cabeza Barrera, J¹.

¹Complejo Hospitalario Universitario de Granada. UGC Farmacia Provincial de Granada.

²Distrito Sanitario de Atención Primaria Granada-Metropolitano. UGC de Farmacia Provincial de Granada.

DI-034

A10 - DRUGS USED IN DIABETES

Objective

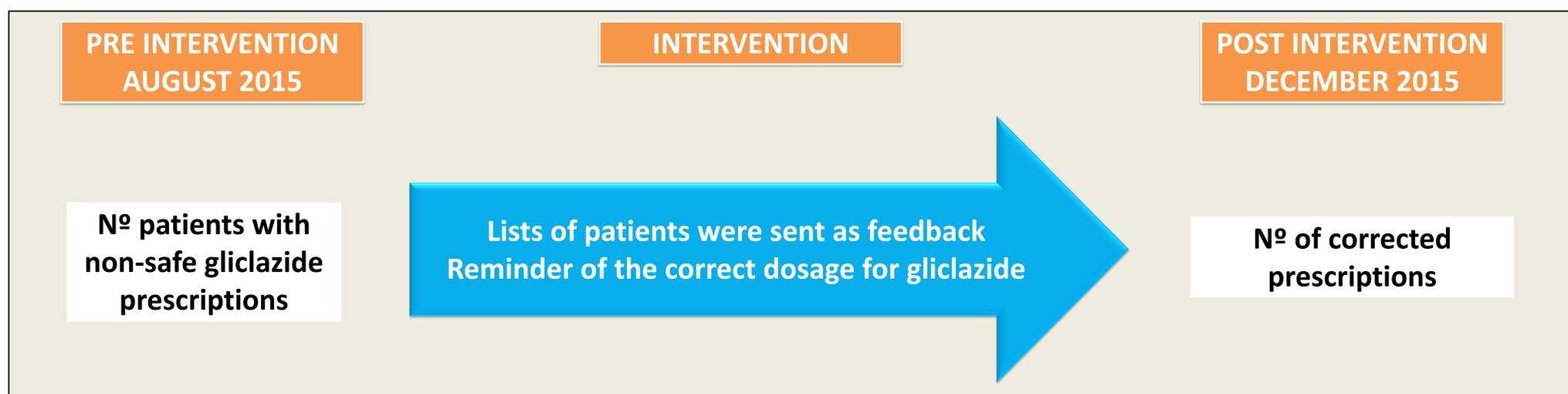
Gliclazide is a sulfonylurea to be administrated in a single daily dose according to data sheet. The intake of this drug several times a day could increase the occurrence of hypoglycemia.

Purpose

To evaluate the impact of an intervention developed by the pharmacy department to correct dosages of gliclazide that consisted of more than a single daily dose and therefore were not safe.

Material and Methods

Prospective study comparing the number of non-recommended dosages of gliclazide before and after our intervention. Field of study: Two tertiary hospitals and their reference areas (the population consisted of 666,000 people).

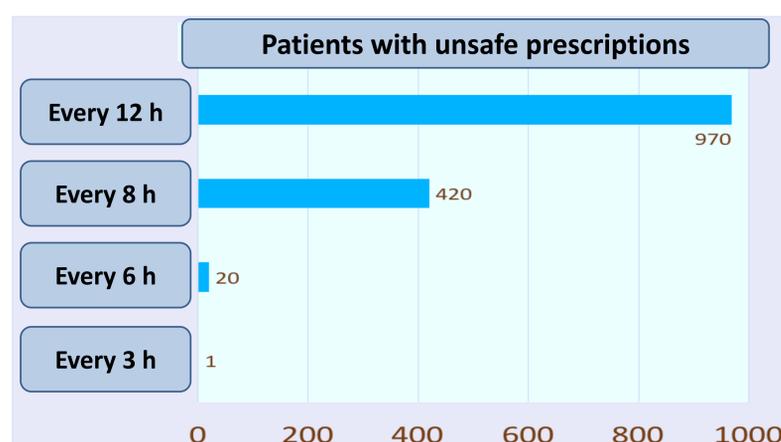


Results

- Average age of patients: 70.5
- 51,7% were men
- 7856 patients with gliclazide prescription
- 1412 (18%) patients with inadequate dosages

PRE-INTERVENTION
AUGUST 2015

1412 patients with unsafe prescriptions



POST-INTERVENTION
DECEMBER 2015

From the 1412 patients with inadequate dosages, 1256 (88.9%) continued with an active gliclazide prescription.

The dosage was corrected in 730 of the initial 1256 patients

Our intervention appears to be an effective method to correct the lack of information that can foster incorrect prescriptions of gliclazide. However, we plan to perform another intervention to try to correct the rest of unsafe prescriptions