PHARMACY INTERVENTION TO PROMOTE SAFER USE OF GLICLAZIDE

López Sepúlveda, R1; García Lirola, M.S2; Anaya Ordoñez, S3; Martín Sánces, S2; Espinola García, 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.

**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

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.