Material and methods A 3 month prospective study (February 2018 to April 2018) to analyse the effectiveness of pharmacist-physician communication channels.

Effectivity was determined by the% acceptance of the interventions.

Channels chosen were: Through direct communication with the physician.

Electronic communication using the Farmatools program.

Interventions were performed following inadequate prescription, dosage, omissions and duplicates of STOPP/START and Beers criteria.

The target population on which the study was conducted were polymedicated patients in an internal medicine service.

Results The medications found in the prescriptions were mainly: nonsteroidal anti-inflammatory drugs (22.1%) antibiotics (22.1%), insulins (19.5%), proton pump inhibitors (10.1%), low-molecular weight heparin (9.4%), digoxin (8.7%) and others (8.1%).

Through direct communication with the doctor, the prescriptions of 125 patients over 65 years of age were studied, and pharmacist-physician verbal intervention was performed in 35 of them (28%). 74.3% (n=26) of them were accepted by the physician.

Through electronic communication, interventions were performed in 221 patients. Analysing the record of the electronic interventions carried out, only 28.8% (n=62) were accepted.

Conclusion Pharmacist-physician interventions carried out by clinical pharmacists are fundamental for a reduction of PIPs.

Direct pharmacist-physician communication provides a greater degree of interventions acceptance rather than electronic intervention.

Adding clinical pharmacists to clinical services could help to reduce PIPs.

REFERENCES AND/OR ACKNOWLEDGEMENTS

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