

EVALUATION OF EFFICIENCY AND CLINICAL IMPROVEMENTS OF THE PHARMACEUTICAL INTERVENTIONS IN A RECENTLY IMPLEMENTED SOCIAL-SANITARY CENTRE

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MATERIAL AND METHODS

A 5 month prospective study (December 2016-April 2017) in a 110 bed long stay SSC. In the first phase of the process, the pharmacotherapeutic guide and the Medicines Stock were proposed and agreed by the hospital pharmacist and the SSC medical department. Patients were admitted and their medication was electronically prescribed. The hospital pharmacist responsible of the center performed various interventions such as: to review of pharmacotherapeutic treatments, to answer medical and nursing questions, medication reconciliation or consultation with specialists.

CONCLUSION

The Hospital Pharmacist is indispensable to optimize the therapy in this patients, improving communication between professionals and guarantying an adequate and rational use of the medicines. In addition, this process represents an important economic savings.

OBJECTIVE

To describe the process of implementation of a change of the supply of medicines in a Social Sanitary Center (SSC) from a community pharmacy to a Hospital Pharmacy Service. To detail the results obtained from the pharmaceutical interventions since the beginning of the process. To quantify the economic impact derived from this process.

RESULTS

79 drugs were added to the Hospital Pharmacotherapeutic Guide. The pharmaceutical interventions were the following: 107 treatments were reviewed, 76 drugs were modified. These modifications were: therapeutic alternative: 2 cases, therapeutic equivalent: 27 cases, dosage Adjustment: 5 cases, suspension of a drug not indicated: 8 cases, start of indicated drug: 9 cases, suspension of drug contraindicated by age: 2 cases, suspension of drug contraindicated: 1 case, dose adjustment for renal failure: 5 cases. Medication reconciliation was implemented in 14 patients. 12 unjustified reconciliation errors were detected. Economic cost associated with the SSC in 3 months represented a monthly saving of 13453€.