

# Importance of clinical pharmacist in system of health care in Bosnia and Hercegovinia

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## Introduction

Clinical pharmacists have more roles than it was in the past. Pharmacists as health care professionals are expected to be more included in process of prescription, drug administration as well as tracking of efficiency and safety of therapy, which means an equal role of pharmacists and physicians in order to achieve a better effect in patient treatment. One of the modern roles of pharmacist is conductance of rational pharmacotherapy in developed boundaries and pharmaceutical care, focused on direct relation of pharmacist and the patient, meaning an individual approach to each patient, collecting data about drugs used by the patient from the disease history – therapy list, as well as by patient direct contact.

## Materials and Methods

Type of this research is of retrospective and descriptive character. Official reports from Psychiatric hospital of Canton Sarajevo for period of three years (2013, 2014 and 2015), that contain all relevant data about drug consumption and financial reports were used. Those reports were analyzed and obtained results were compared.

## Results and Discussion

Drugs in hospital pharmacy of Psychiatric hospital of Canton Sarajevo that have been dispensed from this department to other department in hospital is based on their needs.

Since 2015 we've have new procedures that leads to rationalizing pharmacotherapy. We have noted less drug consumption per patient, thus resulting with lower drug cost.

Pharmacoeconomy analysis, as it was previously mentioned was done for period of three years (2013, 2014 and 2015) and it showed significant reduction in drug usage. Namely, analysis has shown that in 2013 in Psychiatric hospital in Canton of Sarajevo 91.285 BAM (Bosnia-Herzegovina Convertible Mark) were spent, or it was 41% of the budget. The same analysis for 2014 showed that 80.337 BAM were spent or 37% of the budget, while in 2015 in Psychiatric hospital in Canton of Sarajevo 48.880 BAM were spent or 22% of the budget for analyzed period.

## Conclusion

Clinical pharmacists as health care professionals have very important role in system of health care, with their knowledge and skills, thus improving the quality of health care by rationalization of pharmacotherapy leading to reduction of polypragmasy, reduced costs and improved quality of patient's time in hospital.

As it can be seen from the results, new procedures implemented in 2015, have brought positive results in reducing costs for drugs in our hospital pharmacy for nearly 50%, thus pointing to the importance of clinical pharmacists.

