

# Importance of clinical pharmacist in rationalization of pharmacotherapy

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## Background

Clinical pharmacists today have modern role besides traditional one, which implies supply the hospital pharmacy, as well as ward dispensary with medicine. Today the clinical pharmacist is oriented more towards to the patient and pharmaceutical care.

## Purpose

Purpose of this paper is to show the importance of the clinical pharmacist in the rationalization of pharmacotherapy, including pharmacoeconomic aspects, patient safety and to establish the role of clinical pharmacist in hospital pharmacy.

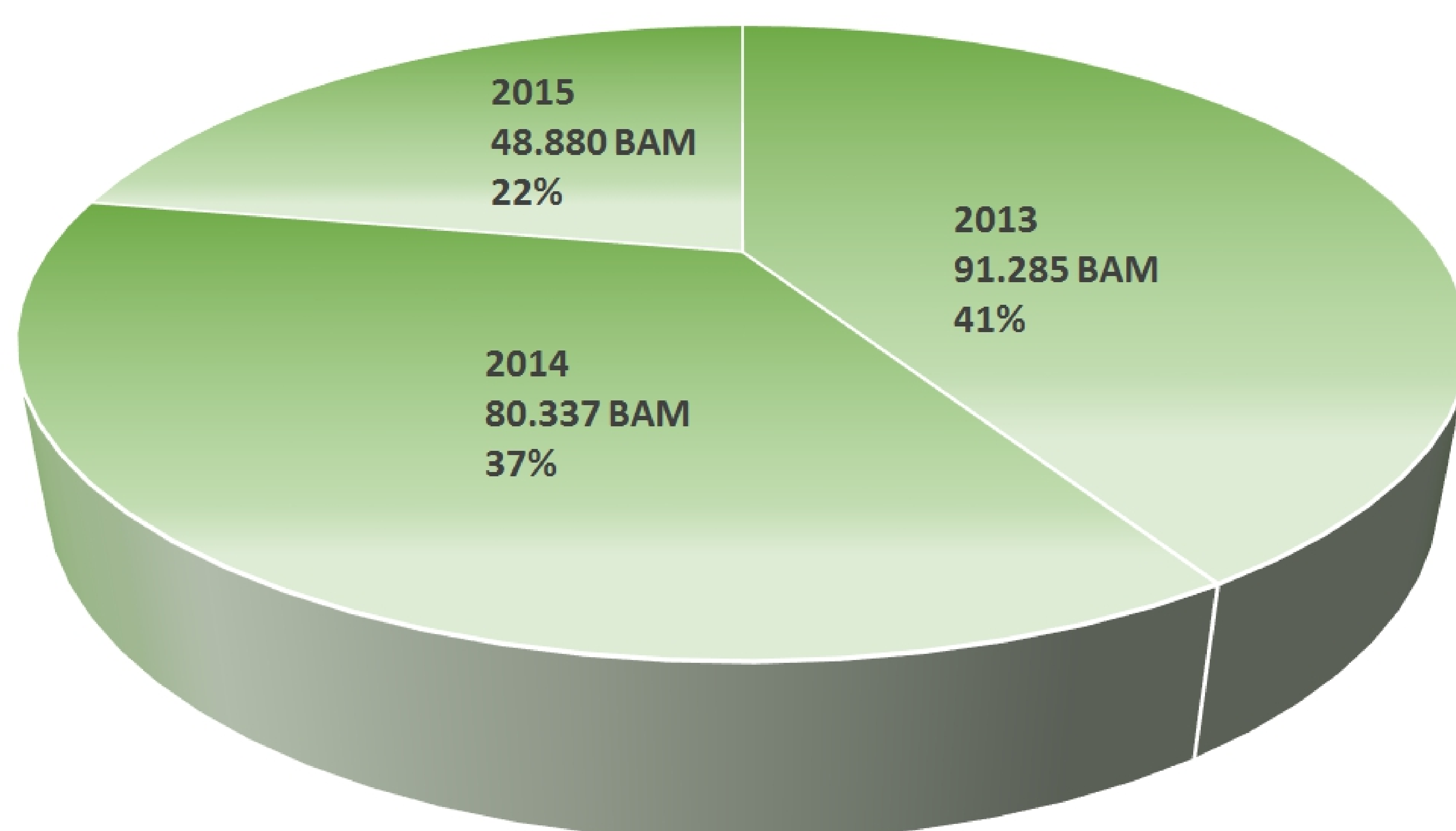
## Material and methods

Type of research is of retrospective and descriptive character, using preliminary literature on the topic of the paper to get relevant data.

## Results

- Implementing the system of unit therapy instead of the traditional system of distribution.
- Drugs in hospital pharmacy - Psychiatric hospital in Canton of Sarajevo have been distributed by the traditional sum system using order lists for everyward.
- Since 2015. procedures have been put into function that are going to be rationalized in their pharmacotherapy.
- Drug used by patient is being documented, and it reduces the costs of drugs.
- Also, preparing and handling reports about issued drugs takes on an important part in rationalization of pharmacotherapy, because that is the basis to know the exact number of spent tablets per every patient, where the sum of spent is documented by every drug into number of hospitalized patients, in the end relevant data is collected, about price of the spent drug.

Analysis of drug consumption in Psychiatric hospital in Canton of Sarajevo for previous three years, looks as it is shown:



*In 2015., as it is shown in the graphic, the drug consumption is significantly lower than in previous period of time we analyzed. Costs were also reduced, and the key role in whole process of reducing costs had clinical pharmacist.*

## Conclusion

- Clinical pharmacists with active involvement in the treatment process, from admission until discharge patients from hospitals, can provide adequate pharmaceutical care, while contributing to the rationalization of pharmacotherapy, and a significant reduction of costs allocated to treat patients.
- It is very important role of clinical pharmacist in Department, as a member of team for therapy division, because of significant reduction of the costs. We could notice the importance of the clinical pharmacist reading this paper.