

## **.Summary**

### **Drug Formulary in Hospital**

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**Background:** Drug formulary in hospital is one of the drug policy instruments, which make the pharmacotherapy safer, more efficient and more cost-effective.

Aim of study: The main aim of this study is the evaluation of hospital drug formulary in faculty hospital in Motol and revise selected groups of drugs.

**Methods:** The information about the consumption of drugs and the hospital drug formulary was taken in the Motol's hospital pharmacy. Using Microsoft Excel the retrospective evaluation of drug consumption was taken for a period of time from July 2011 till December 2011. The method DU 90% was used to define the quantitative evaluation. For model revise groups of drugs was assessed effectiveness in accordance with evidence-based medicine, costs, compliance, safety and consumption of drugs.

**Results:** The hospital drug formulary amounted to 1 673 of medicinal products. In total 2160 of medicinal products was taken from the pharmacy, 1 540 of them was used for the evaluation process. Then 378 of products got value of DU 90%, 21 of them weren't included in the hospital drug formulary. The hospital drug formulary compliance from specialists was 98,1%. Selected groups of drugs were revised and modifications of drug formulary were designed.

**Discussion and conclusion:** The hospital drug formulary compliance was quite high which is probably caused by the range of this chart. One of the reasons of such a high presence of medicinal drugs in the hospital drug formulary is both the size of the hospital and the large spectrum of providing services. On the other hand, it can mean the unfinished process of standardization. That's why the revision was focused on decrease of those medicinal drugs in drug formulary. The proposal for

concrete modification in the drug formulary was successfully carried out with three out of 27 previously considered drugs. Criteria for the choice of a drug in formulary were given based on recommendation of those mentioned in research part and according to practical possibilities.

**Keywords:** drug formulary, drug policy, drug and therapeutic committee, rational pharmacotherapy.